National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

YADAV MEASUREMENTS PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

PLOT NO. F373 - 375, RIICO, BHAMASHAH INDUSTRIAL AREA, UDAIPUR, RAJASTHAN, INDIA

in the field of

TESTING

Certificate Number: TC-6594

Issue Date: 14/10/2025 **Valid Until:** 13/10/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: YADAV MEASUREMENTS PRIVATE LIMITED

Signed for and on behalf of NABL

Anuja Anand
Director

Chakravarthy T. Kannan
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	YADAV MEASUREMENTS PRIVATE LIMITED, PLOT NO. F373 - 375, RIICO, BHAMASHAH INDUSTRIAL AREA, UDAIPUR, RAJASTHAN, INDIA		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy mete+15:17rs & Tariff and load Control Equipment & Electrical /Electronic equipment	Immunity to electrical fast transients/bursts	IEC 62052-11 (Cl: 7.5.4) (Withdrawn): 2003, IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003, IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003, IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003, IEC 62052-11 (AMD1:2016) (Cl: 7.5.4): 2003, IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003, IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003, IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003, IEC 62053-24 (Cl: 8.2): 2014, IEC 62052-11 (Cl:9.3.6): 2020, IEC 62053-21 (Cl:9.3.6): 2020, IEC 62053-22 (Cl:9.3.6): 2020, IEC 62053-23 (Cl:9.3.6): 2020, IEC 620

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2	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of influence quantities -DC and even harmonics in AC current circuit	BS EN 62053- 23 (Cl: 8.2) (Withdrawn): 2003, EN 50470-3 (Amd 1: 2018) (Cl: 8.7.7.8): 2006, IS 16444 (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12): 2015), IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003, IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003, CBIP 325 (Cl: 5.6.2): 2015, IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010, IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003, IEC 62052-11 (Withdrawn): 2003, IS 13779 (Amd 5: 2015 + Reaffirmed: 2009) (Cl: 12.11) (Withdrawn): 1999, IS 14697 (Amd

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3	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of influence quantities -Harmonics Component in current and voltage circuit	BS EN 62053- 23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 CBIP 325 (Cl: 5.6.2): 2015 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (Withdrawn): 2003 IS 13779 (Amd 5: 2015 + Reaffirmed: 2009) (Cl: 12.11) (Withdrawn): 1999 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019) (Cl: 12.10) (Withdrawn): 1999 CBIP-304 (Cl: 5.6.2): 2008 EN 50470-3 (Cl: 8.7.5 & 8.7.7): 2006 BS EN 6205

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
4	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of influence quantities -Odd harmonics in AC current circuit	BS EN 62053- 23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 CBIP 325 (Cl: 5.6.2): 2015 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (Withdrawn): 2003 IS 13779 (Amd 5: 2015 + Reaffirmed: 2009) (Cl: 12.11) (Withdrawn): 1999 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019) (Cl: 12.10) (Withdrawn): 1999 CBIP-304 (Cl: 5.6.2): 2008 EN 50470-3 (Cl: 8.7.5 & 8.7.7): 2006 BS EN 6205

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5	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of influence quantities -Sub harmonics in a.c. current circuit	BS EN 62053- 23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 CBIP 325 (Cl: 5.6.2): 2015 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (Withdrawn): 2003 IS 13779 (Amd 5: 2015 + Reaffirmed: 2009) (Cl: 12.11) (Withdrawn): 1999 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019) (Cl: 12.10) (Withdrawn): 1999 CBIP-304 (Cl: 5.6.2): 2008 EN 50470-3 (Cl: 8.7.5 & 8.7.7): 2006 BS EN 6205
6	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Accuracy in the presence of harmonics	EN 50470-3 (Amd 1: 2018) (Cl: 8.7.7.7)
7	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Accuracy test at reference conditions	EN 50470-3 (Amd 1: 2018) (Cl: 8.7.1):2006 EN 50470-3 (Cl: 7.12): 2022 EN 50470-3 (Amd 1: 2018) (Cl: 8.7.2)
8	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Allowable errors due to variation of the current	EN 50470-3 (Cl: 7.9)

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9	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Calculation of the composite error	EN 50470-3:A1 (Clause No. 8.7.6)
10	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Cold test (Climatic Requirement)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 8.3.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl:8.3.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 8.3.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:8.3.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8.3.4): 2021 AS 62052.11(Cl:6.3.2) (Withdrawn):2005 AS 62053.21(Cl: 6) (Withdrawn): 2005 AS 62053.22(Cl:6) (Withdrawn): 2005 AS 62053.23(Cl: 6) (Withdrawn): 2006 AS 62052.11 (Cl:6.3.2): 2018 AS 62053.21 (Cl: 6): 2018 AS 62053.22 (Cl: 6): 2018 AS

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11	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Cold test (Climatic Requirement)	IEC 62052-11 (Cl: 6.3.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 6) (Withdrawn): 2003 IEC 62053-22 (Cl: 6) (Withdrawn): 2003 IEC 62053-23 (Cl: 6) (Withdrawn): 2003 IEC 62053-24 (Cl: 6) (Withdrawn): 2014 IEC 62055-31 (Cl: 6.1) (Withdrawn): 2005 IEC 62052-11 (Amd 1:2016) (Cl: 6.3.2):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 6): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-24 (Amd 1: 2016) (Cl:6): 2014 IEC 62052-11 (Cl: 8.3.4): 2020 IEC 62053-21

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12	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Cold test (Climatic Requirement)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.9) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.9): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.6.2) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.6.2): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.3.2): 2010 IS 15884 (Cl:5.3.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.6.2) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.6.2): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 6): 2004 IEC 620

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13	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Damp heat cyclic test (Climatic Requirement)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 8.3.5): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl:8.3.5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 8.3.5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:8.3.5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8.3.5): 2021 AS 62052.11(Cl: 6.3.3) (Withdrawn):2005 AS 62053.21(Cl: 6) (Withdrawn): 2005 AS 62053.22(Cl:6) (Withdrawn): 2005 AS 62053.23(Cl: 6) (Withdrawn): 2006 AS 62052.11 (Cl:6.3.3): 2018 AS 62053-21 (Cl: 6): 2018 AS 62053-22 (Cl: 6): 2018

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Damp heat cyclic test (Climatic Requirement)	IEC 62052-11 (Cl: 6.3.3) (Withdrawn): 2003 IEC 62053-21 (Cl: 6) (Withdrawn): 2003 IEC 62053-22 (Cl: 6) (Withdrawn): 2003 IEC 62053-23 (Cl: 6) (Withdrawn): 2003 IEC 62053-24 (Cl: 6) (Withdrawn): 2014 IEC 62055-31 (Cl: 6.1) (Withdrawn): 2005 IEC 62052-11 (amd 1:2016) (Cl: 6.3.3):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 6.3.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-24 (Amd 1: 2016) (Cl:6): 2014 IEC 62052-11 (Cl: 8.3.5): 2020 IEC 6205

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15	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Damp heat cyclic test (Climatic Requirement)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.9) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.9): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.6.3) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.6.3): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.3.3): 2010 IS 15884 (Cl:5.3.3): 2024 IS 13779: (Amd:5 2015) (Cl: 12.6.3) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.6.3): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 6): 2004 AS 6205
16	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	DC and harmonics in the current circuit Interharmonics in the current circuit- burst fired waveform test	AS 62053.23 (Cl: 7.10): 2018 EN 50470-3 (Table: 9)
17	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	DC and harmonics in the current circuit Interharmonics in the current circuit- burst fired waveform test	EN 50470-3 (Table: 9)
18	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	DC and harmonics in the current circuit: DC and even harmonics- half-wave rectified waveform test	EN 50470-3 (Table: 9)

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19	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	DC and harmonics in the current circuit: Odd harmonics in the current circuit	EN 50470-3 (Table: 9)
20	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Dry heat test (Climatic Requirement)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 8.3.3): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl:8.3.3): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 8.3.3): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:8.3.3): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8.3.3): 2021 AS 62052.11(Cl:6.3.1) (Withdrawn):2005 AS 62053.21(Cl: 6) (Withdrawn): 2005 AS 62053.22(Cl:6) (Withdrawn): 2005 AS 62053.23(Cl: 6) (Withdrawn): 2006 AS 62052.11 (Cl:6.3.1): 2018 AS 62053-21 (Cl: 6): 2018 AS 62053-22 (Cl: 6): 2018

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21	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Dry heat test (Climatic Requirement)	IEC 62052-11 (Cl: 6.3.1) (Withdrawn): 2003 IEC 62053-21 (Cl: 6) (Withdrawn): 2003 IEC 62053-22 (Cl: 6) (Withdrawn): 2003 IEC 62053-23 (Cl: 6) (Withdrawn): 2003 IEC 62053-24 (Cl: 6) (Withdrawn): 2014 IEC 62053-24 (Cl: 6) (Withdrawn): 2014 IEC 62055-31 (Cl: 6.1) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 6.3.1):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 6.3.1): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 6): 2003 IEC 62053-24 (Amd 1: 2016) (Cl:6): 2014 I

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22	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Dry heat test (Climatic Requirement)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.9) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.9): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.6.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.6.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.3.1): 2010 IS 15884 (Cl:5.3.1): 2024 IS 13779: (Amd:5 2015) (Cl: 12.6.1) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.6.1): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 6): 2004 IEC 62

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23	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Durability	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 8.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 8): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 8): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 8): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8): 2021 AS 62052.11 : 2018 AS 62053-21 : 2018 AS 62053-22 : 2018 AS 62053.23 : 2018 AS 62053-24 : 2018 AS 62052.11 (Cl: 8.4): 2023 AS 62053.21 (Cl: 8): 2023 AS 62053.22 (Cl: 8): 2023 AS 62053.24 (Cl: 8): 2023 EN 50470-3 (A1:2018) (Cl: 9): 2006 EN 50470-1
24	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Durability	IEC 62052-11 (Cl: 8.4): 2020 IEC 62053-21 (Cl: 8): 2020 IEC 62053-22 (Cl: 8): 2020 IEC 62053-23 (Cl: 8): 2020 IEC 62053-24 (Cl: 8): 2020 IEC 62055-31 :2022 EN IEC 62052-11(A11:2022) (A12:2024) (Cl: 8.4): 2021 EN IEC 62053-21 (A11:2021) (Cl: 8): 2021 EN IEC 62053-22 (A11:2021) (Cl: 8): 2021 EN IEC 62053-23 (A11:2021) (Cl: 8): 2021 EN IEC 62053-24 (A11:2021) (Cl: 8)

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25	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Effect of disturbances of long duration	EN 50470-3 (Amd 1: 2018) (Cl: 8.5)
26	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Emission requirements (Conducted Emission)	IEC 62052-11 (Cl:9.3.14): 2020 IEC 62053-21 (Cl:9.3.14): 2020 IEC 62053-22 (Cl:9.3.14): 2020 IEC 62053-23 (Cl:9.3.14): 2020 IEC 62053-24 (Cl:9.3.14): 2020 AS 62052.11 (Cl:9.3.14) : 2023 AS 62052.21 (Cl:9.3.14) : 2023 AS 62053.22 (Cl:9.3.14) : 2023 AS 62053.24 (Cl:9.3.14) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.14):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-24 (A11:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
27	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Emission requirements (Radiated Emission)	IEC 62052-11 (Cl:9.3.14): 2020 IEC 62053-21 (Cl:9.3.14): 2020 IEC 62053-22 (Cl:9.3.14): 2020 IEC 62053-23 (Cl:9.3.14): 2020 IEC 62053-24 (Cl:9.3.14): 2020 AS 62052.11 (Cl:9.3.14) : 2023 AS 62052.21 (Cl:9.3.14) : 2023 AS 62053.22 (Cl:9.3.14) : 2023 AS 62053.24 (Cl:9.3.14) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.14):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.14):2021 BS EN IEC 62053-24 (A11:
28	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Error of measurement	EN 50470-3 (Cl: 7.13)
29	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Harmonic contents in the current circuits	EN 50470-3 (Table 9)

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30	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Heat Deflection	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5): 2021 AS 62052.11 (Cl:5.4) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.4): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2018 AS 62053.23 (Cl: 5):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
31	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Heat Deflection	IEC 62052-11 (Cl: 5.4) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5.5) (Withdrawn): 2005 IEC 62052-11 (Amd1:2016) (Cl: 5.4):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.4): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 5): 2014 IEC 62052-11 (Cl: 5.4): 2020 IEC 62053-21 (Cl:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
32	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Heat Deflection	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.2.1) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.2.1): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl: 6.4) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 6.4): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.2.4): 2010 IS 15884 (Cl: 4.2.4): 2024 IS 13779: (Amd:5 2015) (Cl: 6.4) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:6.4): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 IEC 62053-24 (
33	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	hort	EN 50470-3 (Cl:6): 2022 AS 62053.24 (Cl:6):2023 AS 62053.21 (Cl:6):2023 AS 62053.22 (Cl:6) :2023 AS 62052.11

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
34	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Immunity to electrical fast transients/bursts	BS EN 62052-11 (Cl: 7.5.4) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-23 (Cl: 8.2) (Withdrawn): 2003 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.6):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.6):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.6):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.6):2021 BS EN IEC 62053-24 (A11:2021)(Cl: 9.3.6):2021 BS EN IEC 62052-11 (A12:2024)(Cl: 9.3.6):2021 BS EN IEC 62053-21 (A12:2024)(Cl: 9.3.6)
35	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Influence of d.c. and even harmonics in the a.c. current circuit	EN 50470-3 (Amd 1: 2018) (Cl: 8.7.7.8)
36	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Maximum permissible error (MPE)	EN 50470-3 A1 (Clause No. 8.4)
37	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Measurement uncertainty	EN 50470-3 (Clause No. 7.3)

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38	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Odd harmonics and sub-harmonics in the a.c. current circuit	EN 50470-3 (Amd 1: 2018) (Cl: 8.7.7.9)
39	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Operation of auxiliary devices	AS 62053.23 (Cl: 7.10): 2018 EN 50470-3 (Table 9)
40	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Overcurrent	EN 50470-3 (Table 10)
41	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Performing the tests: Starting	EN 50470-3 (Amd 1: 2018) (Cl: 8.7.9.4): 2006 EN 50470-3 (Cl: 7.7)
42	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radiated Electromagnetic (EM) Radio frequency (RF) Fields	IEC62055-31 (Cl: 7.8.3) (Withdrawn): 2005 IEC 62055-31 (Cl: 7.6.4): 2022 NMI M 6-1 (First edition)(Cl:A.2.15): 2004 NMI M 6-1 (Second edition)(Cl:A.2.15): 2010 NMI M 6-1 (Second edition, fourth rev.)(Cl:A.2.15): 2012 NMI M 6-1 (Third edition)(Cl:A.2.15): 2020 NMI M 6-1 (Fourth edition)(Cl:A.2.15):2022 IEC 62052-21 (Cl:7.6.4):2004 IEC 62052-21 (Amd1:2016)(Cl:7.6.4)

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43	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radiated, radio-frequency, electromagnetic field immunity test – test with current ("The effects of external influence quantities :- Radiated, radio-frequency, electromagnetic field immunity test – test with current")	IEC 62052-11 (Cl:9.3.5): 2020 IEC 62053-21 (Cl:9.3.5): 2020 IEC 62053-22 (Cl:9.3.5): 2020 IEC 62053-23 (Cl:9.3.5): 2020 IEC 62053-24 (Cl:9.3.5): 2020 AS 62052.11 (Cl:9.3.5) : 2023 AS 62052.21 (Cl:9.3.5) : 2023 AS 62053.22 (Cl:9.3.5) : 2023 AS 62053.24 (Cl:9.3.5) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.5):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.5):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.5):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.5):2021 BS EN IEC 62053-24 (A11:2021)(Cl:9.3.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
44	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radiated, radio-frequency, electromagnetic field immunity test – test without current ("The effects of external influence quantities :- Radiated, radio-frequency, electromagnetic field immunity test – test without current")	IEC 62052-11 (Cl:9.3.4): 2020 IEC 62053-21 (Cl:9.3.4): 2020 IEC 62053-22 (Cl:9.3.4): 2020 IEC 62053-23 (Cl:9.3.4): 2020 IEC 62053-24 (Cl:9.3.4): 2020 AS 62052.11 (Cl:9.3.4) : 2023 AS 62052.21 (Cl:9.3.4) : 2023 AS 62053.22 (Cl:9.3.4) : 2023 AS 62053.24 (Cl:9.3.4) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.4):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.4):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.4):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.4):2021 BS EN IEC 62053-24 (A11:2021)(Cl:9.3.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
45	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radio interference Measurements (Conducted Emission)	IS 13779 (Reaffirmed 2009)(Cl: 12.9.5) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.9.5)(Withdrawn): 1999 IS 13779 (Cl: 12.9.5): 2020 IS 14697 (Amd4: 2014) (Cl: 12.8.5) (Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.8.5) (Withdrawn): 1999 IS 14697 (Cl: 12.8.5):2021 IS 14697 (Amd1:2022)(Cl: 12.8.5):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.5):2021 IS 15884 (Cl. 5.5.5)(Withdrawn): 2003 IS 15884 (Cl. 5.5.5)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.5): 2010 IS 158

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
46	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radio interference Measurements (Radiated Emission)	IS 13779 (Reaffirmed 2009)(Cl: 12.9.5) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.9.5)(Withdrawn): 1999 IS 13779 (Cl: 12.9.5): 2020 IS 14697 (Amd4: 2014) (Cl: 12.8.5) (Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.8.5) (Withdrawn): 1999 IS 14697 (Cl: 12.8.5):2021 IS 14697 (Amd1:2022) (Cl: 12.8.5):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.5):2021 IS 15884 (Cl. 5.5.5)(Withdrawn): 2003 IS 15884 (Cl. 5.5.5)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.5): 2010 IS 15

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
47	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radio interference Suppression (Conducted Emission)	IEC 62052-11 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-21 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-21 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-22 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-23 (AMD1:2016)(Cl: 7.5.8): 2003 IEC 62053-24 (Cl: 7.5.8): 2014 AS 62052.11 (Cl: 7.5.8) (Withdrawn): 2005 AS 62053.21 (Cl: 7.5.8) (Withdrawn): 2005 AS 62053.22 (Cl: 7.5.8) (Withdr

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48	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Radio interference Suppression (Radiated Emission)	IEC 62052-11 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-21 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.5.8) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-21 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-22 (AMD1:2016) (Cl: 7.5.8): 2003 IEC 62053-23 (AMD1:2016)(Cl: 7.5.8): 2003 IEC 62053-24 (Cl: 7.5.8): 2014 AS 62052.11 (Cl: 7.5.8) (Withdrawn): 2005 AS 62053.21 (Cl: 7.5.8) (Withdrawn): 2005 AS 62053.22 (Cl: 7.5.8) (Withdr

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49	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Shock test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5.2.1): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl:5.2.1): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5.2.1): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:5.2.1): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5.2.1): 2021 AS 62052.11 (Cl:5.2.2.2) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.2.2.2): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2

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50	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Shock test	IEC 62052-11 (Cl: 5.2.2.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5.3) (Withdrawn): 2005 IEC 62052-11 (Amd1:2016) (Cl: 5.2.2.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.2.2.2): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 5): 2014 IEC 62052-11 (Cl: 5.2.1): 2020 IEC

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51	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Shock test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.3.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.3.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.2.2): 2010 IS 15884 (Cl: 5.2.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.3.1) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.3.1): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 IEC 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
52	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Spring hammer test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5): 2021 AS 62052.11 (Cl:5.2.2.1) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.2.2.1): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2018 AS 62053.23 (Cl

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
53	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Spring hammer test	IEC 62052-11 (Cl: 5.2.2.1) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5) (Withdrawn): 2005 IEC 62052-11 (Amd1:2016) (Cl: 5.2.2.1):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.2.2.1): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 5): 2014 IEC 62052-11 (Cl: 5): 2020 IEC 62053

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
54	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Spring hammer test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.3.3) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.3.3): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.2.1): 2010 IS 15884 (Cl: 5.2.1): 2024 IS 13779: (Amd:5 2015) (Cl: 12.3.3) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.3.3): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 IEC 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
55	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Surge Immunity test	BS EN 62052-11 (Cl: 7.5.6) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-23 (Cl: 8.2) (Withdrawn): 2003 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.9):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.9):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.9):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.9):2021 BS EN IEC 62053-24 (A11:2021)(Cl: 9.3.9):2021 BS EN IEC 62052-11 (A12:2024)(Cl: 9.3.9):2021 BS EN IEC 62053-21 (A12:2024)(Cl: 9.3.9)

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56	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Surge Immunity test	IEC 62052-11 (Cl: 7.5.6) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.6): 2003 IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003 IEC 62053-24 (Cl: 8.2): 2014 IEC 62052-11 (Cl:9.3.9): 2020 IEC 62053-21 (Cl:9.3.9): 2020 IEC 62053-22 (Cl:9.3.9): 2020 IEC 62053-23 (Cl:9.3.9): 2020 IEC 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
57	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test for Immunity to Electromagnetic HF Field	IS 13779 (Reaffirmed 2009)(Cl: 12.9.3) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.9.3)(Withdrawn): 1999 IS 13779 (Cl: 12.9.3): 2020 IS 14697 (Amd4: 2014) (Cl: 12.8.3) (Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.8.3) (Withdrawn): 1999 IS 14697 (Cl: 12.8.3):2021 IS 14697 (Amd1:2022)(Cl: 12.8.3):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.3):2021 IS 15884 (Cl. 5.5.3)(Withdrawn): 2003 IS 15884 (Cl. 5.5.3)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.3): 2010 IS 158

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
58	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Immunity to electromagnetic RF fields	IEC 62052-11 (Cl: 7.5.3) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.3): 2003 IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003 IEC 62053-24 (Cl: 8.2): 2014 AS 62052.11 (Cl: 7.5.3) (Withdrawn): 2005 AS 62053.21 (Cl: 8.2) (Withdrawn): 2005 AS 62053.22 (Cl: 8.2) (Withdrawn): 2005 AS 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
59	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of influence quantities -Wave form: 10% of 3rd harmonics in current circuit.	BS EN 62053- 23 (Cl: 8.2) (Withdrawn): 2003 IS 16444 (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12): 2015 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 CBIP 325 (Cl: 5.6.2): 2015 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (Withdrawn): 2003 IS 13779 (Amd 5: 2015 + Reaffirmed: 2009) (Cl: 12.11) (Withdrawn): 1999 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019) (Cl: 12.10) (Withdr

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60	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Protection Against Penetration of Dust and Water	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5): 2021 AS 62052.11 (Cl:5.9) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.9): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2018 AS 62053.23 (Cl: 5): 20

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
61	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Protection Against Penetration of Dust and Water	IEC 62052-11 (Cl: 5.9) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5.10) (Withdrawn): 2005 IEC 62052-11 (Amd1:2016) (Cl: 5.9):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.9): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 5): 2014 IEC 62052-11 (Cl: 5): 2020 IEC 62053-21 (Cl:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
62	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Protection Against Penetration of Dust and Water	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.5) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.5): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.2.5): 2010 IS 15884 (Cl: 5.2.5): 2024 IS 13779: (Amd:5 2015) (Cl: 12.5) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.5): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 IEC 62053-24 (C

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
63	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Resistance to Heat and Fire	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 5.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 5.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5.4): 2021 AS 62052.11(Cl: 5.8) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.8): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2018 AS 62053.23

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
64	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Resistance to Heat and Fire	IEC 62052-11 (Cl: 5.8) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5.9) (Withdrawn): 2005 IEC 62052-11 (amd 1:2016) (Cl: 5.8):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.8): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5.8): 2003 IEC 62053-21 (Amd 1: 2016)(Cl: 5.8): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5.8): 2003 IEC 62053-24 (Amd 1: 2016) (Cl:5.8): 2014

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
65	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Test of Resistance to Heat and Fire	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.4) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.4): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.2.4): 2010 IS 15884 (Cl:5.2.4): 2024 IS 13779: (Amd:5 2015) (Cl: 12.4) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.4): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 AS 62052.21(Cl:
66	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	The effects of external influences	EN 50470-3 (Clause No. 9 and table 13, 14) :2022(EN IEC 62052-11:2021+A11: 2022)

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67	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Vibration Test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5.2.2): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 5.2.2): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5.2.2): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl:5.2.2): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5.2.2): 2021 AS 62052.11 (Cl:5.2.2.3) (Withdrawn):2005 AS 62053.21(Cl: 5) (Withdrawn): 2005 AS 62053.22(Cl: 5) (Withdrawn): 2005 AS 62053.23(Cl: 5) (Withdrawn): 2006 AS 62052.11 (Cl: 5.2.2.3): 2018 AS 62053-21 (Cl: 5): 2018 AS 62053-22 (Cl: 5): 2

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68	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Vibration Test	IEC 62052-11 (Cl: 5.2.2.3) (Withdrawn): 2003 IEC 62053-21 (Cl: 5) (Withdrawn): 2003 IEC 62053-22 (Cl: 5) (Withdrawn): 2003 IEC 62053-23 (Cl: 5) (Withdrawn): 2003 IEC 62053-24 (Cl: 5) (Withdrawn): 2014 IEC 62055-31 (Cl: 5) (Withdrawn): 2005 IEC 62052-11 (Amd1:2016) (Cl: 5.2.2.3):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 5.2.2.3): 2004 IEC 62053-22 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 5): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 5): 2014 IEC 62052-11 (Cl: 5.2.2): 2020 IEC 6

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
69	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Vibration Test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.3.2) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.3.2): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.2.3): 2010 IS 15884 (Cl: 5.2.3): 2024 IS 13779: (Amd:5 2015) (Cl: 12.3.2) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl:12.3.2): 2020 IEC 62054-21 (Amd 1: 2017) (Cl: 5): 2004 IEC 620
70	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical & Electronic (static) Energy meters & Tariff and load Control Equipment & Electrical /Electronic equipment	Voltage range	EN 50470-1 (Amd 1: 2018) (Cl: 7.1)
71	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Mechanical and electrical characteristics - Optical characteristics	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:5.8.2): 2021 EN IEC 62052-11 (A11: 2022) (Cl:5.8.2): 2021 AS 62052.11:2023 IS 15884 (Reaffirmed 2015) (Cl. 4.2.10.8, 4.2.10.9): 2010 IS 15884 (Cl. 4.2.10.8, 4.2.10.9): 2024 IEC 62055-31 (Cl: 5.6): 2022 IEC 62052-11 (Cl:5.8.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
72	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter	Test of Mechanical and electrical characteristics - Optical characteristics	IEC 62052-11 (Cl: 5.11.1, 5.11.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 5.12) (Withdrawn): 2005 IS 15884 (Cl: 4.2.10.8, 4.2.10.9) (Reaffirmed: 2015)
73	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	COMMUNICATION REQUIREMENT (Connectivity Technologies) (RF Technology Requirements) (Communication Layer Protocol)	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:

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74	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	Protocol functional testing as per DLMS/COSEM base related to: -All mandatory parameters -All data types -All application associations with specified services -Association objects with access rights and OBIS codes -Events related to DLMS objects with event identifiers (DLMS user association s/w CTT TOOL & Meter explorer from Kalkitec)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 8) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 7): 2017 IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 1) (Amd 1: 2014, Amd 2: 2015, Amd 3: 2016, Amd 4: 2017, Amd 5: 2021 (Annexure K, K-1 (a), K-2) (Category A, B, C, C1 ,C2 ,C3): 2011 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 I

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
75	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	Protocol functional testing as per DLMS/COSEM base (DLMS user association s/w CTT TOOL & Meter explorer from Kalkitec)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 8) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 7): 2017 IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 1) (Amd 1: 2014, Amd 2: 2015, Amd 3: 2016, Amd 4: 2017, Amd 5: 2021 (Annexure K, K-1 (a), K-2) (Category A, B, C, C1 ,C2 ,C3): 2011 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 I

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
76	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	SMART METER FUNCTIONAL REQUIREMENTS	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:

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77	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	Test for Data Exchange Protocol	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:
78	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	Test for Metrology	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 10.1) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 9.1)

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79	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy Meter/Smart Meter	Tests for Smart Meter Communicability	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:
80	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Functional requirements	CEA regulations (Part II)
81	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Higher order harmonic (15th to 40th)	OIML: R 46-1/-2 (Cl: 6.3.17)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
82	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipements	External static magnetic fields	EN 50470-3 (Table 9): 2022 AS 62052-11: 2023 IEC 62052-11 (Cl: 9.3, Cl.9.3.12): 2020 BS EN IEC62052-11:2021+A12 (Cl: 9.3, Cl.9.3.12): 2024 EN IEC 62052-11:2021 +A11 (Cl: 9.3, Cl.9.3.12): 2022 IEC 62053-21 (Cl: 9.3, Cl. 9.3.12): 2020 BS EN IEC/EN IEC 62053-21:2021+A11 (Cl: 9.3, Cl. 9.3.12): 2021 IEC 62053-22 (Cl: 9.3, Cl. 9.3.12): 2020 BS EN IEC/EN IEC 62053-22:2021+A11 (Cl: 9.3, Cl. 9.3.12): 2021 IEC 62053-22 (Cl: 9.3, Cl. 9.3.12: 2020 BS EN IEC/EN IEC 62053-22:2021+A11 (Cl: 9.3, Cl.

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83	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	COMMUNICATION REQUIREMENT (Connectivity Technologies) (RF Technology Requirements) (Communication Layer Protocol)	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:
84	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Criteria for Conformity	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 10.2) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 9.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
85	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Protocol functional testing as per DLMS/COSEM base related to: -All mandatory parameters -All data types -All application associations with specified services -Association objects with access rights and OBIS codes -Events related to DLMS objects with event identifiers (DLMS user association s/w CTT TOOL & Meter explorer from Kalkitec)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 8) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 7): 2017 IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 1) (Amd 1: 2014, Amd 2: 2015, Amd 3: 2016, Amd 4: 2017, Amd 5: 2021 (Annexure K, K-1 (a), K-2) (Category A, B, C, C1 ,C2 ,C3): 2011 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 I

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86	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Protocol functional testing as per DLMS/COSEM base (DLMS user association s/w CTT TOOL & Meter explorer from Kalkitec)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 8) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 7): 2017 IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 1) (Amd 1: 2014, Amd 2: 2015, Amd 3: 2016, Amd 4: 2017, Amd 5: 2021 (Annexure K, K-1 (a), K-2) (Category A, B, C, C1 ,C2 ,C3): 2011 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 I

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
87	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	SMART METER FUNCTIONAL REQUIREMENTS	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:

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88	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Test for Data Exchange Protocol	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:
89	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Test for Metrology	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 10.1) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 9.1)

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90	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipment	Tests for Smart Meter Communicability	IS / IEC 62056-62 (Withdrawn): 2006 IS / IEC 62056-61 (Withdrawn): 2006 IS / IEC 62056-53 (Withdrawn): 2006 IS / IEC 62056-47 (Withdrawn): 2006 IS / IEC 62056-21: 2002 IS / IEC 62056-42: 2002 IEC 62056-6-1:2023 IEC 62056-46 (Amd 1: 2006): 2002 EN 62056-46 (Amd 1: 2007) IS 15959 (Part 3) (Category D3,D4) (Cl: 27,28): 2017 IS 15959 (Part 2) (Amd 1: 2017, Amd 2: 2017) (Category D1, D2) (Cl: 23,24): 2016 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl:
91	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments Electrical and Electronic (Static) Energy meters/ Smart Meter	Functional Requirements (Functional Performance-General) (Prepayment mode Core functionalities) (Core functional test within voltage and temperature range limits) (Functional tests within the limit range of the operation with voltage) (Functional tests within the limit range of the operation with temperature) (Prepayment mode-Token handling and data integrity requirements)	IS 15884 (Reaffirmed: 2015) (Cl: 6 and Annex A): 2010 IS 15884 (Cl: 6 and Annex A): 2024 IEC 62055-31 (Cl: 9 and Annex A) :2005 IEC 62055-31 (Cl: 9 and Annex A)

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92	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 8.3): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8.3): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62053.21 (Cl: 8

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
93	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 7.10, 9.4, 9.4.6,

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
94	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.10): 2021 IS 15884 (Cl: 4.6.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdrawn) (Reaffirmed: 2009): 1999

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
95	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Abnormal ac magnetic induction of external origin 10mT (2800AT) (Test of influence quantity/Limits of error due to influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 9): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 9): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 9): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 9): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 EN 50470-1 (Cl: 8.7.5, 8.7.7) :2006 EN 50470-1 (A1:2018)(Cl: 8.7.5, 8.7.7): 2006 EN 5047

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
96	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Abnormal ac magnetic induction of external origin 10mT (2800AT) (Test of influence quantity/Limits of error due to influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl:):2003 IEC 62052-21 (Amd 1: 2016) (Cl:): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:): 2003 IEC 62053-23 (Amd 1: 2016)(Cl:): 2003 IEC 62053-24 (Amd 1: 2016) (Cl:): 2014 IEC 62052-11 (Cl: 9): 2020 IEC 62053-21 (Cl: 9):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
97	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Abnormal ac magnetic induction of external origin 10mT (2800AT) (Test of influence quantity/Limits of error due to influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.10): 2021 IS 15884 (Cl:) (Withdrawn): 2003 IS 15884 (Cl:) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
98	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.5): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.5): 2021 AS 62052.11 : 2018 AS 62053-21 (Cl:7.5): 2018 AS 62053-22 (Cl: 7.5): 2018 AS 62053.23 (Cl: 7.5): 2018 AS 62053-24 (Cl: 7.5): 2018 AS 62052.11 (Cl: 7.5) : 2023 AS 62053-21 (Cl: 7.5): 2023 AS 62053-22 (Cl: 7.5): 2023 AS 62053-24 (Cl: 7.5): 2023

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
99	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	IEC 62053-24 (Cl:8.4.2) (Withdrawn): 2014 IEC 62052-11 (Cl:7.5): 2020 IEC 62053-21 (Cl: 7.5): 2020 IEC 62053-22 (Cl: 7.5): 2020 IEC 62053-23 (Cl: 7.5): 2020 IEC 62053-24 (Cl: 7.5): 2020 IEC 62055-31 (Cl: 8): :2022 EN IEC 62052-11(A11:2022) (A12:2024) (Cl:7.5): 2021 EN IEC 62053-21 (A11:2021) (Cl: 7.5): 2021 EN IEC 62053-22 (A11:2021) (Cl: 7.5): 2021 EN IEC 62053-23 (A11:2021) (Cl:7.5): 2021 EN IEC 62053-24 (A11:2021) (Cl: 7.5)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
100	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:11.4.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:11.4.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.4.1): 2010 IS 15884 (Cl: 4.6.4.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 11.4.1) (Withdrawn) : 1999 IS 13779 (Cl: 11.4.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.6): 2002

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101	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.9): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.9): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.9): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.9): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.9): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.1) (Withdrawn): 2005 AS 62053.22(Cl: 8.1) (Withdrawn): 2005 AS 62053.23(Cl: 8.1) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.9): 2018 AS 62053.22 (Cl: 7.9): 2018 AS 62053.23 (Cl: 7.9)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
102	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.1) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.1) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.1) (Withdrawn): 2003 IEC 62053-24 (Cl:8.2) (Withdrawn): 2014 IEC 62055-31 (Cl: 8.1) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.1): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.1): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.1): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.2): 2014 IEC 62052-11 (Cl:7.9): 2020 IEC 62053-21 (Cl: 7.9):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
103	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:11.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:11.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.1): 2010 IS 15884 (Cl: 4.6.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 11.1) (Withdrawn) : 1999 IS 13779 (Cl: 11.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.8): 2002 CBIP 304

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
104	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.8): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.8): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.8): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.8): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.8): 2021 AS 62052.11 : 2018 AS 62053.21 (Cl:7.4): 2018 AS 62053.22 (Cl: 7.4): 2018 AS 62053.23 (Cl: 7.4): 2018 AS 62053.24 (Cl: 7.4): 2018 AS 62052.11 (Cl: 7.8) : 2023 AS 62053.21 (Cl: 7.8): 2023 AS 62053.22 (Cl: 7.8): 2023 AS 62053.24 (Cl: 7.8): 2023
105	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	IEC 62052-11 (Cl:7.8): 2020 IEC 62053-21 (Cl: 7.8): 2020 IEC 62053-22 (Cl: 7.8): 2020 IEC 62053-23 (Cl: 7.8): 2020 IEC 62053-24 (Cl: 7.8): 2020 IEC 62055-31 (Cl: 8): :2022 EN IEC 62052-11(A11:2022) (A12:2024) (Cl:7.8): 2021 EN IEC 62053-21 (A11:2021) (Cl: 7.8): 2021 EN IEC 62053-22 (A11:2021) (Cl: 7.8): 2021 EN IEC 62053-23 (A11:2021) (Cl:7.8): 2021 EN IEC 62053-24 (A11:2021) (Cl: 7.8)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
106	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.16) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.16): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.7): 2010 IS 15884 (Cl: 5.6.7): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.17) (Withdrawn) : 1999 IS 13779 (Cl: 12.17): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.9): 2002 CBIP

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
107	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.7): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.7): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.7): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.7): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.7): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.3) (Withdrawn): 2005 AS 62053.22(Cl: 8.3) (Withdrawn): 2005 AS 62053.23(Cl: 8.3) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.7): 2018 AS 62053.22 (Cl: 7.7): 2018 AS 62053.23 (Cl: 7.7):

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108	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.13) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.13): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.4): 2010 IS 15884 (Cl: 5.6.4): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.14) (Withdrawn) : 1999 IS 13779 (Cl: 12.14): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.5): 2002 CBIP

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
109	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test(Accuracy)	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-24 (Cl:8.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.4): 2014 IEC 62052-11 (Cl:7.7): 2020 IEC 62053-21 (Cl: 7.7): 2020

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110	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.6): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.6): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.6): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.6): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.6): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.3) (Withdrawn): 2005 AS 62053.22(Cl: 8.3) (Withdrawn): 2005 AS 62053.23(Cl: 8.3) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.6): 2018 AS 62053.22 (Cl: 7.6): 2018 AS 62053.23 (Cl: 7.6):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
111	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-24 (Cl:8.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.4): 2014 IEC 62052-11 (Cl:7.6): 2020 IEC 62053-21 (Cl: 7.6): 2020

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.12,11.4.2) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.12,11.4.2): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.3): 2010 IS 15884 (Cl: 5.6.3): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.13) (Withdrawn) : 1999 IS 13779 (Cl: 12.13): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.4

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
113	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.4): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.4) (Withdrawn): 2005 AS 62053.22(Cl: 8.4) (Withdrawn): 2005 AS 62053.23(Cl: 8.4) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.4): 2018 AS 62053.22 (Cl: 7.4): 2018 AS 62053.23 (Cl: 7.4): 2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
114	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.4) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.4) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.4) (Withdrawn): 2003 IEC 62053-24 (Cl:8.5) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.4): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.4): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.4): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.5): 2014 IEC 62052-11 (Cl:7.4): 2020 IEC 62053-21 (Cl: 7.4): 2020

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
115	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.14,11.6) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.14 ,11.6): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.5): 2010 IS 15884 (Cl: 5.6.5): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.15) (Withdrawn) : 1999 IS 13779 (Cl: 12.15,11.6): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6
116	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Allowable errors due to influence quantities and disturbances	EN 50470-3 (Cl: 7.10):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
117	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Ambient temperature variation/Mean Temperature Coefficient (Limits of error due to influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62053.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
118	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Ambient temperature variation/Mean Temperature Coefficient (Limits of error due to influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 9.4.4): 2020 IEC

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
119	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Ambient temperature variation/Mean Temperature Coefficient (Limits of error due to influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.11) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.11): 2021 IS 15884 (Cl: 4.6.3) (Withdrawn): 2003 IS 15884 (Cl: 4.6.3) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.3): 2010 IS 15884 (Cl: 4.6.3): 2024 IS 13779: (Amd:5 2015) (Cl: 12.12) (Withdrawn) (Reaffirmed: 2009): 1999

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
120	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.3, 9.4.10, 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8, 9) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 AS 62052.11 (C

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
121	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 9.4.3, 9.4.10, 7.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
122	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2): 2021 IS 15884 (Cl: 4.6.2, Table 12)) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2, Table 13): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11)
123	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Conducted Radiofrequency (RF) Fields	NMI M 6-1 (First edition)(Cl:A.2.10): 2004 NMI M 6-1 (Second edition)(Cl:A.2.10): 2010 NMI M 6-1 (Second edition, fourth rev.)(Cl:A.2.10): 2012 NMI M 6-1 (Third edition)(Cl:A.2.10): 2020 NMI M 6-1 (Fourth edition)(Cl:A.2.10)
124	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Constructional requirements (Heat Deflection) (Displacement)	IEC 62055-31 (Cl: 5.1)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
125	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous (DC stray) magnetic induction of external origin 67mT (Limits of error due to other influence quantities/Test of influence quantity)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: Table 4, 9.3.12): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: Table 4, 9.3.12): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: Table 4, 9.3.12): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: Table 4, 9.3.12): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: Table 4, 9.3.12): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 7):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous (DC stray) magnetic induction of external origin 67mT (Limits of error due to other influence quantities/Test of influence quantity)	IEC 62052-11 (Cl: 8.2.4) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2.4):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: Table 4, 9.3.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
127	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous (DC stray) magnetic induction of external origin 67mT (Limits of error due to other influence quantities/Test of influence quantity)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 13, Table 13): 2021 IS 15884 (Cl: 4.6.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12) (Withdrawn) (Reaffirmed: 2009):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
128	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous abnormalmagnetic induction of external origin 0.2T DC (Limits of error due to other influence quantities)	AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62053.21 (Cl: 8.2): 2018 AS 62053.22 (Cl: 8.2): 2018 AS 62053.23 (Cl: 8.2): 2018 AS 62053.24 (Cl: 8.2): 2018 AS 62052.11 (Cl: 8.2): 2023 AS 62053.21 (Cl: 8.2): 2023 AS 62053.22 (Cl: 8.2): 2023 AS 62053.24 (Cl: 8.2): 2023 EN 50470-1 (Cl: 8.7.5, 8.7.7) :2006 EN 50470-1 (A1:2018)(Cl: 8.7.5, 8.7.7):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
129	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous abnormalmagnetic induction of external origin 0.2T DC (Limits of error due to other influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl:8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 BS EN 62052-11 (Cl: 8.2)(Withdrawn)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
130	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous abnormalmagnetic induction of external origin 0.2T DC (Limits of error due to other influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 9.2.1, 11.2, 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2, 12.10): 2021 IS 15884 (Cl: 4.6.2, 5.6.2, 5.6.2.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, 5.6.2, 5.6.2.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2, 5.6.2, 5.6.2.2): 2010 IS 15884 (Cl: 4.6.2, 5.6.2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
131	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous magnetic induction/AC Stray magnetic induction of external origin 0.5mT (400AT) (Influence factors and disturbances/Test of influence quantity/Limits of error due to influence quantities)	AS 62052.11(Cl: 7.6.10, 8.2) (Withdrawn):2005 AS 62053.21(Cl: 7.6.10, 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 7.6.10, 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 7.6.10, 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62053.21 (Cl: 8.2): 2018 AS 62053.22 (Cl: 8.2): 2018 AS 62053.23 (Cl: 8.2): 2018 AS 62053.24 (Cl: 8.3): 2018 EN 50470-1 (Cl: 8.7.5, 8.7.7) :2006 EN 50470-1 (A1:2018)(Cl: 8.7.5, 8.7.7): 2006 EN 50470-3 (Cl: 8.7.5, 8.7.7) :2006 EN 50470-3 (A1:2018) (Cl: 8.7.5, 8.7.7): 200

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
132	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous magnetic induction/AC Stray magnetic induction of external origin 0.5mT (400AT) (Influence factors and disturbances/Test of influence quantity/Limits of error due to influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 BS EN 62052-11 (Cl: 8.2)(Withdrawn)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
133	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Continuous magnetic induction/AC Stray magnetic induction of external origin 0.5mT (400AT) (Influence factors and disturbances/Test of influence quantity/Limits of error due to influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.10): 2021 IS 15884 (Cl: 4.6.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdrawn) (Reaffirmed: 2009): 1999

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
134	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Damped oscillatory wave immunity test	BS EN 62052-11 (Cl: 7.5.7) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-23 (Cl: 8.2) (Withdrawn): 2003 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.11):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-24 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62052-11 (A12:2024)(Cl: 9.3.11):2021 BS EN IEC 62053-21 (A12:2024)(Cl:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
135	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Damped oscillatory wave immunity test	IEC 62052-11 (Cl: 7.5.7) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.7): 2003 IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003 IEC 62053-24 (Cl: 8.2): 2014 IEC 62052-11 (Cl:9.3.11): 2020 IEC 62053-21 (Cl:9.3.11): 2020 IEC 62053-22 (Cl:9.3.11): 2020 IEC 62053-23 (Cl:9.3.11): 2020 IEC

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
136	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	DC and even harmonics in AC current circuit (Test of influence quantities/The effects of external influences)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 7.10, 9.4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62

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137	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	DC and even harmonics in AC current circuit (Test of influence quantities/The effects of external influences)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 7.10, 9.4, Table

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
138	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	DC and even harmonics in AC current circuit (Test of influence quantities/The effects of external influences)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.10): 2021 IS 15884 (Cl: 4.6.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdrawn) (Reaffirmed: 2009): 1999
139	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical pulse output	IEC 62052-11: 2020 BS EN IEC62052-11 (A12: 2024): 2021 EN IEC 62052-11 (A11: 2022) (Cl: 5.8.3)
140	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Influence of Heating	AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:7.2) (Withdrawn): 2005 AS 62053.22(Cl: 7.2) (Withdrawn): 2005 AS 62053.23(Cl: 7.2) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.2): 2018 AS 62053.22 (Cl: 7.2): 2018 AS 62053.23 (Cl: 7.2): 2018 AS 62053.24 (Cl: 7.2)

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141	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Influence of Heating	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:7.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.2) (Withdrawn): 2003 IEC 62053-24 (Cl:7.2) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.5) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.2): 2014 IEC 62054-21 (IAmd 1:2017)(Cl. 7.2) : 2017 IEC 62055-31

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
142	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Influence of Heating	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.5) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.5): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.5) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.5): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.4.5): 2010 IS 15884 (Cl: 5.4.5): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.5) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.5): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.5): 200

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
143	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:4.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 4.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:4.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 4.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 4.4): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:7.1) (Withdrawn): 2005 AS 62053.22(Cl: 7.1) (Withdrawn): 2005 AS 62053.23(Cl: 7.1) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.1.3): 2018 AS 62053.22 (Cl: 7.1.3): 2018 AS 62053.23 (Cl: 7.1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
144	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:7.1) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-24 (Cl:7.2) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.3) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.1.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.1.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.1.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.2): 2014 IEC 62052-11 (Cl:4.4): 2020 IEC 62053-21 (Cl: 4.4

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
145	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.1) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.1): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.4.1): 2010 IS 15884 (Cl: 5.4.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.1) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.1): 2002

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
146	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	General and Constructional Requirements (Flammability) and Marking of Meters	IS 15884 (Reaffirmed : 2015) (Cl: 4.2): 2010 IEC 62052-11 (Cl: 5) (Withdrawn): 2003 IEC 62053-21 (Withdrawn): 2003 BS EN 61036 (Cl: 4.2) (Withdrawn): 1997 AS 62053.21 (Withdrawn): 2005 AS 62053.23 (Withdrawn): 2006 BS EN 62052-11 (Cl: 5) (Withdrawn): 2003 BS EN 62053-21 (Withdrawn): 2003 IEC 62054-21 (Amd 1:2017) (Cl: 5): 2004 BS EN 62053-22 (Withdrawn): 2003 AS 62052.11 (Cl: 5) (Withdrawn): 2005 AS 62053.22 (Withdrawn): 2005 IEC 62053-24 (Withdrawn): 2014 BS EN 62053-23 (Withdra

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
147	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Harmonics in the current and voltage test-5th harmonic test (Test of influence quantities/The effects of external influences)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, 9.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11 (Cl: 8.2) (Withdrawn):2005 AS 62053.21 (Cl: 8.2) (Withdrawn): 2005 AS 62053.22 (Cl: 8.2) (Withdrawn): 2005 AS 62053.23 (Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 7.10, 8.2): 2

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
148	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Harmonics in the current and voltage test-5th harmonic test (Test of influence quantities/The effects of external influences)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 7.10, 9.4): 2020
149	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Harmonics in the current and voltage test-5th harmonic test (Test of influence quantities/The effects of external influences)	IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 9.2.1, 11.2, Table 13) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2, Table 13): 2021 IS 13779: (Amd:5 2015) (Cl: 9.2.1, 11.2, Table 17) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl: 9.2.1, 11.2, Table 17): 2020 NMI M 6-1 (Third edition) (Cl: Table 4):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
150	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Immunity to conducted disturbances, induced by radio-frequency fields	IEC 62052-11 (Cl: 7.5.5) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.5): 2003 IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003 IEC 62053-24 (Cl: 8.2): 2014 IEC 62052-11 (Cl:9.3.7): 2020 IEC 62053-21 (Cl:9.3.7): 2020 IEC 62053-22 (Cl:9.3.7): 2020 IEC 62053-23 (Cl:9.3.7): 2020 IEC 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
151	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Immunity to conducted disturbances, induced by radio-frequency fieldss	BS EN 62052-11 (Cl: 7.5.5) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-23 (Cl: 8.2) (Withdrawn): 2003 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.7):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.7):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.7):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.7):2021 BS EN IEC 62053-24 (A11:2021)(Cl: 9.3.7):2021 BS EN IEC 62052-11 (A12:2024)(Cl: 9.3.7):2021 BS EN IEC 62053-21 (A12:2024)(Cl: 9.3.7)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
152	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Immunity to continuous magnetic fields of external origin	IEC 62052-11 (Cl:9.3.12): 2020 IEC 62053-21 (Cl:9.3.12): 2020 IEC 62053-22 (Cl:9.3.12): 2020 IEC 62053-23 (Cl:9.3.12): 2020 IEC 62053-24 (Cl:9.3.12): 2020 AS 62052.11 (Cl:9.3.12) : 2023 AS 62052.21 (Cl:9.3.12) : 2023 AS 62053.22 (Cl:9.3.12) : 2023 AS 62053.24 (Cl:9.3.12) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.12):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.12):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.12):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.12):2021 BS EN IEC 62053-24 (A11:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
153	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Immunity to electrical fast transients/bursts	IS 13779 (Reaffirmed 2009)(Cl: 12.9.4) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.9.4)(Withdrawn): 1999 IS 13779 (Cl: 12.9.4): 2020 IS 14697 (Amd4: 2014) (Cl: 12.8.4) (Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.8.4) (Withdrawn): 1999 IS 14697 (Cl: 12.8.4):2021 IS 14697 (Amd1:2022)(Cl: 12.8.4):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.4):2021 IS 15884 (Cl. 5.5.4)(Withdrawn): 2003 IS 15884 (Cl. 5.5.4)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.4): 2010 IS 158

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
154	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Immunity to voltage dips and short interruptions	IEC 62052-11 (Cl:9.3.11): 2020 IEC 62053-21 (Cl:9.3.11): 2020 IEC 62053-22 (Cl:9.3.11): 2020 IEC 62053-23 (Cl:9.3.11): 2020 IEC 62053-24 (Cl:9.3.11): 2020 AS 62052.11 (Cl:9.3.11) : 2023 AS 62052.21 (Cl:9.3.11) : 2023 AS 62053.22 (Cl:9.3.11) : 2023 AS 62053.24 (Cl:9.3.11) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.11):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.11):2021 BS EN IEC 62053-24 (

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
155	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Impulse Voltage	AS 62052.11 (Cl: 7.3.2) (Withdrawn): 2005 AS 62053.23 (Withdrawn): 2006 AS 62052.21- (Cl: 7.3.2.2): 2018 BS EN 62053-21 (Withdrawn): 2003 AS 62054.21-(Cl: 7.3): 2018 AS 62053.21 (Withdrawn): 2005 EN50470-1 (Cl: 7.3.3): 2006 IEC 62052-21:(Amd:1:2016) (Cl: 7.3.2.2): 2004 IEC 62053-24 (2014) (Withdrawn): 2014 IEC 62053-22 (Withdrawn): 2003 CBIP-304 (Cl: 5.4.6.2): 2008 IEC 62052-11 (Cl: 7.3.2) (Withdrawn): 2003 BS EN 62053-23 (Withdrawn): 2003 AS 62053.22 (Withdrawn): 2005 BS EN 6205
156	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Influence factors and disturbances - Odd harmonics in the AC circuit	NMI M 6-1 (Cl: 5)
157	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Influence factors and disturbances - Sub-harmonics in the AC circuit	NMI M 6-1 (Cl: 5)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
158	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Influence of Short Time Over Current	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:9.4.10): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 9.4.10): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:9.4.10): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 9.4.10): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 9.4.10): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:7.2) (Withdrawn): 2005 AS 62053.22(Cl: 7.2) (Withdrawn): 2005 AS 62053.23(Cl: 7.2) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.2): 2018 AS 62053.22 (Cl: 7.2): 2018 AS 62053

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
159	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Influence of Short Time Over Current	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:7.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.2) (Withdrawn): 2003 IEC 62053-24 (Cl:7.3) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.4) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.3): 2014 IEC 62054-21 (IAmd 1:2017)(Cl. 7.2) : 2017 IEC 62052-11

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
160	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Influence of Short Time Over Current	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.3) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.3): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.5) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.5): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.4.3): 2010 IS 15884 (Cl: 5.4.3): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.3) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.3): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.3): 200
161	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	AS 62052.11 (7.4)(Withdrawn):2005 AS 62053.21(Cl:8.6) (Withdrawn): 2005 AS 62053.22(Cl: 8.6) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 EN 50470-1 :2006 EN 50470-1 (A1:2018): 2006 EN 50470-3 (Cl: 8.7.3) :2006 EN 50470-3 (A1:2018) (Cl: 8.7.3): 2006 EN 50470-3 (Table 10)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
162	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	IEC 62052-11 (Cl:8.6) (Withdrawn): 2003 IEC 62053-21 (Cl:8.6) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.6) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.6) (Withdrawn): 2003 IEC 62053-24 (Cl:8.7) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62055-31 (Cl: 8): :2022 BS EN 62052-11 Cl:8.6) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.6) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.6) (Withdrawn): 2003 BS EN 62053-23 (Cl:8.6) (Withdrawn): 2003

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
163	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.15) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.15): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.6): 2010 IS 15884 (Cl: 5.6.6): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.16) (Withdrawn) : 1999 IS 13779 (Cl: 12.16): 2020 CBIP 304 Publication No. 304 (Cl: 5.6.7): 2008 CBIP
164	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Keypad interface	IS 15884 (Cl: 4.2.12.3): 2024 IS16444: 2015 IS 15884 (Reaffirmed 2015) (Cl 4.2.12.3): 2010 IEC62055-31 (Cl: 5.14.3) (Withdrawn)
165	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of additional percentage error due to influence quantities	EN 50470-3 (Amd 1: 2018) (Cl: 8.3)

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166	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities (Radiated, radiofrequency, electromagnetic field immunity test– test with current, Electrical fast transient/burst immunity test, Immunity to conducted disturbances, induced by radio-frequency fields,Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at AC power ports, Damped oscillatory wave immunity test, External static magnetic fields, Power frequencymagnetic field immunity test)	IEC 62053-24/BS EN IEC/EN IEC 62053-24 (A11: 2021) (Cl: 7.10): 2020 IEC 62053-21/BS EN IEC/EN IEC 62053-21 (A11: 2021) (Cl: 7.10): 2020 IEC 62053-23/BS EN IEC/EN IEC 62053-23 (A11: 2021) (Cl: 7.10): 2020 IEC 62053-22/BS EN IEC/EN IEC 62053-22 (A11 :2021) (Cl: 7.10)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
167	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- DC and even harmonics – half wave rectified waveform test	IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Tab

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
168	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Earth fault/abnormal voltage condition	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:9.4.13, 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 9.4.13,7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:9.4.13,7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 9.4.13,7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 9.4.13,7.10, Table 4): 2021 AS 62052.11 (7.4)(Withdrawn):2005 AS 62053.21(Cl:7.4) (Withdrawn): 2005 AS 62053.22(Cl: 7.4) (Withdrawn): 2005 AS 62053.23(Cl: 7.4) (Withdrawn): 2006 AS 62052.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
169	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Earth fault/abnormal voltage condition	IEC 62052-11 (Cl:7.4) (Withdrawn): 2003 IEC 62053-21 (Cl:7.4) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.4) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.4) (Withdrawn): 2003 IEC 62053-24 (Cl:7.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.2.3) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.1.): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.1): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.1): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.1): 2014 IEC 62054-21 (IAmd 1:2017)(Cl. 7.1) : 2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
170	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Earth fault/abnormal voltage condition	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.7) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.7): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.17) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.17): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.4.2.6): 2010 IS 15884 (Cl: 4.4.2.6): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.8) (Withdrawn) : 1999 IS 13779 (Cl: 12.8): 2020 CBIP 304 Publication No. 304 (Cl: 4.4.7): 200
171	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Fast load current variations	IEC 62053-22 (A11: 2021) (Cl: 7.10): 2020 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10): 2021 EN IEC 62053-22 (A11: 2021) (Cl: 7.10): 2021 IEC 62053-21 (A11: 2021) (Cl: 7.10): 2020 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.10): 2021 EN IEC 62053-21 (A11: 2021) (Cl: 7.10)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
172	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Harmonics in the current and voltage circuits 5th harmonic test	IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Tab

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
173	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Inter harmonics in the current circuit – burst fired waveform test	IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Tab

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
174	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Odd harmonics in the current circuit	IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-21 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-22 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2020 BS EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Table 4): 2021 EN IEC 62053-23 (A 11: 2021) (Cl: 7.10 & Tab

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
175	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Self-heating	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.10): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.10): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.10): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:7.3) (Withdrawn): 2005 AS 62053.22(Cl: 7.3) (Withdrawn): 2005 AS 62053.23(Cl: 7.3) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.10): 2018 AS 62053.22 (Cl: 7.10): 2018 AS 62053.23 (Cl:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
176	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Self-heating	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:7.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.3) (Withdrawn): 2003 IEC 62053-24 (Cl:7.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.6) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.4): 2014 IEC 62052-11 (Cl:7.10): 2020 IEC 62053-21 (Cl: 7.10): 2

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177	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities: Self-heating	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.4) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.4): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.4) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.4): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.4.4): 2010 IS 15884 (Cl: 5.4.4): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.4) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.4): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.4): 200

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178	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Voltage variation, Frequency variation, Reversed phase sequence, Interruption of phase voltage, Auxiliary voltage variation, Harmonics in the current and voltage circuits 5th harmonic test, Inter harmonics in the current circuit – burst fired waveform test, Odd harmonics in the current circuit, DC and even harmonics – half wave rectified waveform test, Operation of auxiliary devices	BS EN IEC 62052-11 (A11: 2022)(A12: 2024): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024): 2021 BS EN IEC 62053-22 (A11: 2021): 2021 BS EN IEC 62053-23 (A11: 2021): 2021 BS EN IEC 62053-24 (A11: 2021): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21 (Withdrawn): 2005 AS 62053.22 (Withdrawn): 2005 AS 62053.23 (Withdrawn): 2006 AS 62052.11: 2018 AS 62053.21: 2018 AS 62053.22: 2018 AS 62053.23: 2018 AS 62053.24: 2018 AS 62052.11: 2023 AS 62053.21: 2023 AS 62053.22: 2023 AS 62053.24:

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
179	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Voltage variation, Frequency variation, Reversed phase sequence, Interruption of phase voltage, Auxiliary voltage variation, Harmonics in the current and voltage circuits 5th harmonic test, Inter harmonics in the current circuit – burst fired waveform test, Odd harmonics in the current circuit, DC and even harmonics – half wave rectified waveform test, Operation of auxiliary devices	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Withdrawn): 2003 IEC 62053-22 (Withdrawn): 2003 IEC 62053-23 (Withdrawn): 2003 IEC 62053-24 (Withdrawn): 2003 IEC 62055-31 (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62052-21 (Amd 1: 2016) : 2003 IEC 62053-22 (Amd 1: 2016) : 2003 IEC 62053-23 (Amd 1: 2016) : 2003 IEC 62053-24 (Amd 1: 2016) : 2014 IEC 62052-11 : 2020 IEC 62053-21 : 2020 IEC 62053-22 : 2020 IEC 62053-23 : 2020 IEC 62053-24 : 2020 IEC 62055-31 : 2022 BS EN 6205

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
180	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Voltage variation, Frequency variation, Reversed phase sequence, Interruption of phase voltage, Auxiliary voltage variation, Harmonics in the current and voltage circuits 5th harmonic test, Inter harmonics in the current circuit – burst fired waveform test, Odd harmonics in the current circuit, DC and even harmonics – half wave rectified waveform test, Operation of auxiliary devices	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020): 2015 IS 16444 (Part 2) (Amd 1: 2019): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025): 2021 IS 15884 (Withdrawn): 2003 IS 15884 (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015): 2010 IS 15884: 2024 IS 13779: (Amd:5 2015) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779: 2020 CBIP-88 (Amd 4): 2005 CBIP 304 (Publication No. 304): 2008 CBIP 325 (Publication No.
181	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of percentage error due to variation of the load	EN 50470-3 (Amd 1: 2018) (Cl: 8.1)
182	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Mechanical and electrical characteristic & Optical characteristics	IS 15884 (Cl. 4.2.10.8, 4.2.10.9)

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183	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Power frequency magnetic field immunity test	IEC 62052-11 (Cl:9.3.13): 2020 IEC 62053-21 (Cl:9.3.13): 2020 IEC 62053-22 (Cl:9.3.13): 2020 IEC 62053-23 (Cl:9.3.13): 2020 IEC 62053-24 (Cl:9.3.13): 2020 AS 62052.11 (Cl:9.3.13) : 2023 AS 62052.21 (Cl:9.3.13) : 2023 AS 62053.22 (Cl:9.3.13) : 2023 AS 62053.24 (Cl:9.3.13) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.13):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.13):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.13):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.13):2021 BS EN IEC 62053-24 (A11:

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184	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Reverse phase sequence (Test of influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 7.10 & Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10 & Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, 9.4 & Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, 9.4 & Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, 9.4 & Table 4): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.1

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
185	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Reverse phase sequence (Test of influence quantities)	IEC 62052-11 (Cl: 8.2, 7.10, 9.4) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2, 7.10, 9.4):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11

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186	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Reverse phase sequence (Test of influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 11.2 & table 13): 2021 IS 15884 (Cl: 4.6.2, Table 13) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 13) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2, Table 13): 2010 IS 15884 (Cl: 4.6.2, Table 13): 2024 IS 13779: (Amd:5 2015)
187	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Reversed phase sequence (Influence factors and disturbances)	NMI M 6 (First edition, second revision) (Cl: 5):2004 NMI M 6-1 (Second edition, second revision) (Cl: 5):2010 NMI M 6-1 (Second edition, fourth revision) (Cl: 5):2012 NMI M 6-1 (Third edition) (Cl:): 2020NMI M 6-1 (Third edition) (Cl: 5):

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188	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Ring wave immunity test	IEC 62052-11 (Cl:9.3.10): 2020 IEC 62053-21 (Cl:9.3.10): 2020 IEC 62053-22 (Cl:9.3.10): 2020 IEC 62053-23 (Cl:9.3.10): 2020 IEC 62053-24 (Cl:9.3.10): 2020 AS 62052.11 (Cl:9.3.10) : 2023 AS 62052.21 (Cl:9.3.10) : 2023 AS 62053.22 (Cl:9.3.10) : 2023 AS 62053.24 (Cl:9.3.10) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.10):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.10):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.10):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.10):2021 BS EN IEC 62053-24 (A11:
189	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Severe voltage variation	EN 50470-1 (Cl:) :2006 EN 50470-1 (A1:2018)(Cl:): 2006 EN 50470-3 (Cl:) :2006 EN 50470-3 (A1:2018) (Cl: 8.7.7.2): 2006 EN 50470-3(Cl: Table 9):

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190	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Surge Immunity test	IS 13779 (Cl: 12.9.5): 2020 IS 14697 (Cl: 12.8.5):2021 IS 14697 (Amd1:2022)(Cl: 12.8.5):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.5):2021 IS 15884 (Cl. 5.5.6)(Withdrawn): 2003 IS 15884 (Cl. 5.5.6)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.6): 2010 IS 15884 (Cl. 5.5.6): 2024 IS16444 Part :1 (Cl: 6.11): 2015 IS16444 Part :1 (Amd1:2017)(Cl: 6.11): 2015 IS16444 Part :1 (Amd2:2019)(Cl: 6.11): 2015 IS16444 Part :1(Reaffirmed:2020)(Cl: 6.11):2015 IS16444 Part :1(Reaffirmed:202
191	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Switch test-Performance Requirements for Payment meters with Load switching Utilization categories UC1, UC2 & UC3	IS 15884 (Reaffirmed: 2015) (Cl: 3.12.6, 4.6.6.2, 5.1.7 and Annex G): 2010 IS 15884 (Cl: 3.12.5, 4.8, 4.8.2.2, 4.8.2.1 and Annex G): 2024 IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 7, 7.1, 7.2) :2015 IEC 62055-31 (Cl: 7.9 and Annex C) :2005 IEC 62052-31 (Cl: 6.9.8.5)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
192	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at AC power ports	IEC 62052-11 (Cl:9.3.8): 2020 IEC 62053-21 (Cl:9.3.8): 2020 IEC 62053-22 (Cl:9.3.8): 2020 IEC 62053-23 (Cl:9.3.8): 2020 IEC 62053-24 (Cl:9.3.8): 2020 AS 62052.11 (Cl:9.3.8) : 2023 AS 62052.21 (Cl:9.3.8) : 2023 AS 62053.22 (Cl:9.3.8) : 2023 AS 62053.24 (Cl:9.3.8) : 2023 BS EN IEC 62052-11 (A11:2022)(Cl:9.3.8):2021 BS EN IEC 62053-21 (A11:2021)(Cl:9.3.8):2021 BS EN IEC 62053-22 (A11:2021)(Cl:9.3.8):2021 BS EN IEC 62053-23 (A11:2021)(Cl:9.3.8):2021 BS EN IEC 62053-24 (A11:2021)(Cl:9.3.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
193	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Immunity to Electrostatic Discharges	BS EN 62052-11 (Cl: 7.5.2) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.2) (Withdrawn): 2003 BS EN 62053-23 (Cl: 8.2) (Withdrawn): 2003 BS EN IEC 62052-11 (A11:2022)(Cl: 9.3.3):2021 BS EN IEC 62053-21 (A11:2021)(Cl: 9.3.3):2021 BS EN IEC 62053-22 (A11:2021)(Cl: 9.3.3):2021 BS EN IEC 62053-23 (A11:2021)(Cl: 9.3.3):2021 BS EN IEC 62053-24 (A11:2021)(Cl: 9.3.3):2021 BS EN IEC 62052-11 (A12:2024)(Cl: 9.3.3):2021 BS EN IEC 62053-21 (A12:2024)(Cl: 9.3.3)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
194	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Immunity to Electrostatic Discharges	IEC 62052-11 (Cl: 7.5.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62052-11 (AMD1:2016) (Cl: 7.5.2): 2003 IEC 62053-21 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-22 (AMD1:2016) (Cl: 8.2): 2003 IEC 62053-23 (AMD1:2016)(Cl: 8.2): 2003 IEC 62053-24 (Cl: 8.2): 2014 IEC 62052-11 (Cl:9.3.3): 2020 IEC 62053-21 (Cl:9.3.3): 2020 IEC 62053-22 (Cl:9.3.3): 2020 IEC 62053-23 (Cl:9.3.3): 2020 IEC 620

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
195	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Immunity to Electrostatic Discharges	IS 13779 (Reaffirmed 2009)(Cl: 12.9.2) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.9.2)(Withdrawn): 1999 IS 13779 (Cl: 12.9.2): 2020 IS 14697 (Amd4: 2014) (Cl: 12.8.2) (Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.8.2) (Withdrawn): 1999 IS 14697 (Cl: 12.8.2):2021 IS 14697 (Amd1:2022) (Cl: 12.8.2):2021 IS 14697 (Amd1:2022, Amd2:2025)(Cl: 12.8.2):2021 IS 15884 (Cl. 5.5.2)(Withdrawn): 2003 IS 15884 (Cl. 5.5.2)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(Cl. 5.5.2): 2010 IS 15

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
196	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Influence of Supply Voltage	AS 62052.11 (7.1)(Withdrawn):2005 AS 62053.21(Cl:7.1) (Withdrawn): 2005 AS 62053.22(Cl: 7.1) (Withdrawn): 2005 AS 62053.23(Cl: 7.1) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.1): 2018 AS 62053.22 (Cl: 7.1): 2018 AS 62053.23 (Cl: 7.1): 2018 AS 62053.24 (Cl: 7.1): 2018 EN 50470-1 :2006 EN 50470-1 (A1:2018): 2006 EN 50470-3 (Cl: 8.6,8.7.8) :2006 EN 50470-3 (A1:2018) (Cl: 8.6): 2006 NMI M 6 First edition, second revision (Cl: 3.1): 2004 NMI M 6-1 Second edition, second r

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
197	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Influence of Supply Voltage	IEC 62052-11 (Cl:7.1) (Withdrawn): 2003 IEC 62053-21 (Cl:7.1) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-24 (Cl:7.1) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.2) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.1.): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.1): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.1): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.1): 2014 BS EN 62052-11 Cl:7.1) (Withdrawn): 2003 BS

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
198	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of Influence of Supply Voltage	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.2) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.2): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.52) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.2): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.4.2): 2010 IS 15884 (Cl: 4.4.2.6,5.4.2): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.2) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.2): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
199	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage unbalance (Test of influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.5): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024) (Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:) (Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Table 4): 2021 AS 62052.11(Cl:) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl:) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 9.4.5): 2018 AS 62053.21 (Table 4, 10): 2018 AS 62053.22

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
200	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage unbalance (Test of influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11: (Cl: 9.4.5): 2020 IE

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
201	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage unbalance (Test of influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 11.2, Table 13): 2021 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdra

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
202	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.3, 9.4.10, 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8, 9) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 AS 62052.11 (C

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
203	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 9.4.3, 9.4.10, 7.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
204	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2): 2021 IS 15884 (Cl: 4.6.2, Table 12)) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2, Table 13): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11)
205	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to influence quantities	AS 62053-22 (Cl: 7.10): 2023 AS 62053-24 (Cl: 7.10): 2023 AS 62053-21 (Cl:7.10)
206	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Measurement uncertainty	AS 62053-24 (Cl:7.3): 2023 AS 62053-22 (Cl:7.3): 2023 AS 62053.23 (Cl: 7.3):2018 AS 62053-21 (Cl:7.3)
207	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Methods of accuracy verification	AS 62053.24 (Cl: 7.2):2023 EN 50470-3 (Cl: 7.2):2022 AS 62053.22 (Cl: 7.2): 2023 AS 62053.21 (Cl: 7.2):2023 AS 62053.23 (Cl: 7.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
208	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary control switches	IEC 62055-31 (Cl: 7.10)
209	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Construction Requirements	AS 62052.11 (Cl: 5): 2018 AS 62053.21 (Cl: 5): 2018 AS 62053.22 (Cl: 5): 2018 AS 62053.23 (Cl: 5): 2018 AS 62053.24 (Cl: 5): 2018 AS 62054.21 (Cl: 5):
210	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Construction Requirements	IEC 62052-11 (Cl:5): 2020 IEC 62053-21 (Cl: 5): 2020 IEC 62053-22 (Cl: 5): 2020 IEC 62053-23 (Cl: 5): 2020 IEC 62053-24 (Cl: 5): 2020 IEC 62055-31 (Cl: 5): 2022 EN IEC 62055-31 (Cl: 5): 2022 IEC 62054-21 (AMD1:2017) (Cl. 5): 2004 IEC 62052-21 (AMD1:2016) (Cl. 5): 2004 EN IEC 62052-11(A11:2022) (A12:2024) (Cl: 5): 2021 EN IEC 62053-21 (A11:2021) (A12:2024) (Cl: 5): 2021 EN IEC 62053-22 (A11:2021) (Cl: 5): 2021 EN IEC 62053-23 (A11:2021) (Cl: 5): 2021 EN IEC 62053-24 (A11:2021) (Cl: 5

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211	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Construction requirements: Window, Terminals -Terminal block(s) - Protective conductor terminal, Sealing provisions, Display of measured values, Storage of measured values, Pulse outputs, Electrical pulse inputs, Auxiliary power supply	AS 62052.11
212	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Constructional requirements (Flammability) and Marking of Meters)	IEC 62055-31 (Cl: 5.1): 2022 EN 62055-31 (Cl: 5.1)
213	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Constructional requirements (Shock)	IEC 62055-31 (Cl: 5.1)
214	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Constructional requirements (Spring / Impact Hammer)	IEC 62055-31 (Cl: 5.1)
215	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	DC and even harmonics - half-wave rectified waveform test	AS 62053-23 (Cl: 7.10)
216	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Display of measured values	IEC 62055-31 (Cl: 5.4): 2022 IEC 62055-31 (Cl: 5.4)

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217	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical test on supply sontrol and load control switches	IEC 62055-31:2022 (Cl:7.9, Annexure C)
218	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Fast load current variations	IEC 62052-11: 2020 BS EN IEC62052-11 (A12:2024): 2021 EN IEC 62052-11 (A11:2022) (Cl: 9.4.12): 2021 AS 62053.23: (Clause 7.10)
219	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	General and Constructional Requirements (Flammability) and Marking of Meters	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Withdrawn): 2003 IEC 62053-22 (Withdrawn): 2003 IEC 62053-23 (Withdrawn): 2003 IEC 62053-24 (Withdrawn): 2003 IEC 62053-24 (Withdrawn): 2014 IEC 62055-31 (Withdrawn): 2005 IEC 62052-11 (Amd1:2016): 2003 IEC 62052-21 (Amd 1: 2016): 2003 IEC 62053-22 (Amd 1: 2016): 2003 IEC 62053-23 (Amd 1: 2016): 2003 BS EN 62052-11 (Withdrawn): 2003 BS EN 62053-21 (Withdrawn): 2003 BS EN 62053-22 (Withdrawn): 2003 BS EN 62053-23 (Withdrawn): 200

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220	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	GENERAL AND CONSTRUCTIONAL REQUIREMENTS: (Clearance and Creepage distances, Display of values, output device, Marking of Smart meter)	IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 6 & 7) (Withdrawn): 1999, IS 14697 (Amd1:2022) (Amd2:2025) (Cl: 6 & 7): 2021 IS 13779: (Amd:5 2015) (Cl: 6 & 7) (Withdrawn) (Reaffirmed: 2009): 1999 IS 13779 (Cl: 6 & 7): 2020 IEC 62055-31 (Cl: 5.2): 2022 IS 16444-1(Amd1:2017) +(Amd 2:2019) (Cl: 6.2, 6.3, 6.6, 6.7, 6.8) (Reaffirmed :2020): 2015 IS 16444 (Part 2):(Amd 1: 2019) (Cl: 6.2, 6.3, 6.6, 6.7, 6.8)
221	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Harmonics in the current and voltage test - 5th harmonic test	AS 62053.24 (Cl:7.10)

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222	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: AC Voltage Test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5): 2021 AS 62052.11(Cl: 7.3, Cl: 7.3.3, 7.4(Withdrawn):2005 AS 62053.21 (Cl: 7.3, Cl: 7.3.3, 7.4) (Withdrawn): 2005 AS 62053.22 (Cl: 7.3, Cl: 7.3.3, 7.4) (Withdrawn): 2005 AS 62053.23 (Cl: 7.3, Cl: 7.3.3, 7.4)(Withdrawn): 2006 AS 62052.11 (Cl: 7.3): 201

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223	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: AC Voltage Test	IEC 62052-11 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2003 IEC 62053-21 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2003 IEC 62053-24 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 7.3, Cl: 7.3.3) (Withdrawn): 2005 IEC 62054-21 (AMD1:2017) (Cl. 7.3): 2017 IEC 62052-11 (amd1:2016) (Cl: 7.3):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 7.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 7.3): 2003 IEC 62053-23

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224	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: AC Voltage Test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.6) : 2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.10.6) : 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.7.6.3) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.6.3): 2021 IS 15884 (Cl: 5.4.6.3)(Withdrawn): 2003 IS 15884 (Cl: 5.4.6.3) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015)(Cl: 5.4.6.3): 2010 IS 15884 (Cl: 5.4.6.3): 2024 IS 13779: (Amd:5 2015) (Cl: 12.7.6.3) (Withdrawn) (Rea

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225	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: Impulse voltage test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.6) : 2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.10.6) : 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.7.6.2) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.6.2): 2021 IS 15884 (Cl: 5.4.6.2)(Withdrawn): 2003 IS 15884 (Cl: 5.4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015)(Cl: 5.4.6.2): 2010 IS 15884 (Cl: 5.4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.7.6.2) (Withdrawn) (Re

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226	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: Insulation Resistance (IR) test	IS 13779 (Reaffirmed 2009)(Cl: 12.7.6.4) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.7.6.4) (Withdrawn): 1999 IS 13779 (Cl: 12.7.6.4): 2020 IS 14697 (Amd4: 2014) (Cl: 12.7.6.4)(Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.7.6.4) (Withdrawn): 1999 IS 14697 (Amd 1: 2022, Amd 2: 2025)(Cl: 12.7.6.4): 2021 IS 15884 (5.4.6.4)(Withdrawn): 2003 IS 15884 (5.4.6.4)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(5.4.6.4): 2010 IS 15884 (5.4.6.4): 2024 IS16444 Part :1 ((Cl:6.10.6): 2015

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227	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation: (impulse voltage test) (Construction requirements)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 5): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 5): 2021 AS 62052.11(Cl: 7.3, Cl: 7.3.2)(Withdrawn):2005 AS 62053.21(Cl: 7.3, Cl: 7.3.2)(Withdrawn): 2005 AS 62053.22(Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2005 AS 62053.23(Cl: 7.3, Cl: 7.3.2)(Withdrawn): 2006 AS 62052.11 (Cl: 7.3): 2018 AS 62053.21 (Cl: 7.3

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228	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation: (impulse voltage test) (Construction requirements)	IEC 62052-11 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2003 IEC 62054-21 (AMD1:2017) (Cl. 7.3): 2004 IEC 62053-22 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 7.3, Cl: 7.3.2) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 7.3):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 7.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 7.3): 2003 IEC 62053-23
229	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interruption of phase voltage	AS 62053.23 (Cl: 7.10)

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230	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Limits of error due to influence quantities:- Voltage variation, Frequency variation, Reversed phase sequence, Interruption of phase voltage, Auxiliary voltage variation, Harmonics in the current and voltage circuits 5th harmonic test, Inter harmonics in the current circuit – burst fired waveform test, Odd harmonics in the current circuit, DC and even harmonics – half wave rectified waveform test, Operation of auxiliary devices	IEC 62052-11:2020: 2020 BS EN IEC 62052-11 (Amd 12: 2024): 2021 EN IEC 62052-11 (A11: 2022) (Cl: 7.10 & 9.4)
231	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Long term overvoltage withstand	IEC 62055-31 (Cl: 7.5)
232	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Marking of the meter	IEC 62055-31 (Cl: 5.7)
233	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Mechanical requirements and tests: General mechanical requirements	EN 50470-1:(A1: 2018) (Cl:5.1)
234	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Meter marking and documentation	AS 62053-21 (Cl:6): 2023 AS 62053-22 (Cl:6): 2023 AS 62052.11 (Cl:6): 2023 AS 62053-23 (Cl: 6)

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235	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Meter marking and documentation: Meter marking (Cl. 6.2), Connection diagrams and terminal marking (Cl. 6.3), Symbols (Cl. 6.4), Documentation (Cl. 6.5)	IEC 62052-11 (Cl: 6.2, 6.3, 6.4, 6.5): 2020 BS EN IEC62052-11:2021+A12 (Cl: 6.2, 6.3, 6.4, 6.5): 2024 EN IEC 62052-11:2021 +A11 (Cl: 6.2, 6.3, 6.4, 6.5): 2022 AS 62052.11: 2023 IEC 62053-22 (Cl: 6, 6.2, 6.3, 6.4, 6.5): 2020 BS EN IEC/EN IEC 62053-22:2021+A11 (Cl: 6, 6.2, 6.3, 6.4, 6.5): 2021 IEC 62053-24 Cl: 6, 6.2, 6.3, 6.4, 6.5): 2020 BS EN IEC/EN IEC 62053-24:2021 +A11 (Cl: 6, 6.2, 6.3, 6.4, 6.5): 2021 IEC 62053-23 (Cl. 6, 6.2, 6.3, 6.4, 6.5): 2020 BS EN IEC/EN IEC 62053-23:2021+A11
236	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Metrological performance requirements and tests: General test conditions	AS 62052.11 (Cl: 7.1)
237	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Relative humidity	IEC 62055-31 (Cl: 6.3)
238	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Standard Electrical Values	EN 50470-3 (Cl: 4)

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239	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	System compliance requirements	IEC 62055-31 (Annexure: A.3): 2022 EN 62055-31 (Annexure: A.3): 2022 IEC 62055-31 (Annexure: A.3) (Withdrawn): 2005 IS 15884 (Reaffirmed :2015) (Annexure: A.3) (Cl: 6.1)
240	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Temperature range	IEC 62055-31 (Cl: 6.2)
241	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Test of influence quantities- Voltage Variation-Frequency Variation-Reverse phase sequence-Voltage unbalance-Wave form: 10% of 3rd harmonics in current circuit-Operation of accessories-DC and even harmonics in AC current circuit	IS 13779 (Cl: 12.11): 2020 IS 16444 (Amd1:2017, Amd2: 2019, RA:2020) (Cl: 6.12.)
242	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	The effects of external influences: DC and even harmonics - half-wave rectified waveform test	AS 62053.24 (Cl:7.10): 2023 AS 62053.21 (Cl:7.10): 2023 AS 62053.22 (Cl:7.10)
243	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	The effects of external influences: Harmonics in the current and voltage test - 5th harmonic test	AS 62053.23 (Cl: 7.10)
244	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	The effects of external influences: Interruption of phase voltage	AS 62053.21(Cl:7.10): 2023 AS 62053.22(Cl:7.10): 2023 AS 62053.24(Cl:7.10)

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245	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	The effects of external influences: Odd harmonics in the current circuit	AS 62053.21(Cl:7.10): 2023 AS 62053.22(Cl:7.10): 2023 AS 62053.24(Cl:7.10)
246	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	The effects of external influences: Operation of auxiliary devices	AS 62053.21(Cl:7.10): 2023 AS 62053.22(Cl:7.10): 2023 AS 62053.24(Cl:7.10)
247	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Token carrier acceptor interface test	IEC 62055-31 (Cl: 7.11)
248	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Token carrier acceptror, keypad interface	IEC 62055-31 (Cl: 5.8)
249	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Units of Measurement-Minimum Measured Quantity-Maximum Permissible Variation between Indicators-Calculated Quantities-Class Indices-Value of Maximum Permissible Error-Acting upon Significant Faults-Display-Auxiliary Devices Interface-Markings-Verification Mark and Sealing	NMI M 6-1 (Cl:3, 4.1, 4.2, 4.3, 4.7, 4.8, 7.2, 7.3, 7.4, 8, 9
250	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Value of Maximum Permissible Error	NMI M 6-1(Cl:4.8)

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251	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Auxiliary power supply	IEC 62053-22 (Cl:. 5, 5.10): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.10): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.10): 2021 IEC 62053-24 (Cl:. 5, 5.10): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.10): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.10): 2021 IEC 62053-21 (Cl:. 5, 5.10): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.10): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.10): 2021 IEC 62053-23 (Cl:. 5, 5.10): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.10): 2021 EN IEC 62053

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252	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Display of measured values	IEC 62053-22 (Cl:. 5, 5.6): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.6): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.6): 2021 IEC 62053-24 (Cl:. 5, 5.6): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.6): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.6): 2021 IEC 62053-21 (Cl:. 5, 5.6): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.6): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.6): 2021 IEC 62053-23 (Cl:. 5, 5.6): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.6): 2021 EN IEC 62053-23 (Amd: 1

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253	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Electrical pulse inputs	IEC 62053-22 (Cl:. 5, 5.9): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.9): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.9): 2021 IEC 62053-24 (Cl:. 5, 5.9): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.9): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.9): 2021 IEC 62053-21 (Cl:. 5, 5.9): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.9): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.9): 2021 IEC 62053-23 (Cl:. 5, 5.9): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.9): 2021 EN IEC 62053-23 (Amd: 1

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254	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Mechanical tests	IEC 62053-22 (Cl:. 5, 5.2): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.2): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.2): 2021 IEC 62053-24 (Cl:. 5, 5.2): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.2): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.2): 2021 IEC 62053-21 (Cl:. 5, 5.2): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.2): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.2): 2021 IEC 62053-23 (Cl:. 5, 5.2): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.2): 2021 EN IEC 62053-23 (Amd: 1

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255	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Pulse outputs	IEC 62053-22 (Cl:. 5, 5.8): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.8): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.8): 2021 IEC 62053-24 (Cl:. 5, 5.8): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.8): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.8): 2021 IEC 62053-21 (Cl:. 5, 5.8): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.8): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.8): 2021 IEC 62053-23 (Cl:. 5, 5.8): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.8): 2021 EN IEC 62053-23 (Amd: 1

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256	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Sealing provisions	IEC 62053-22 (Cl:. 5, 5.5): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.5): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.5): 2021 IEC 62053-24 (Cl:. 5, 5.5): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.5): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.5): 2021 IEC 62053-21 (Cl:. 5, 5.5): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.5): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.5): 2021 IEC 62053-23 (Cl:. 5, 5.5): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.5): 2021 EN IEC 62053-23 (Amd: 1

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257	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Storage of measured values	IEC 62053-22 (Cl:. 5, 5.7): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.7): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.7): 2021 IEC 62053-24 (Cl:. 5, 5.7): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.7): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.7): 2021 IEC 62053-21 (Cl:. 5, 5.7): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.7): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.7): 2021 IEC 62053-23 (Cl:. 5, 5.7): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.7): 2021 IEC 62055-31 (Cl: 5.5):

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258	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Terminals – Terminal block(s) – Protective conductor terminal	IEC 62053-22 (Cl:. 5, 5.4): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.4): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.4): 2021 IEC 62053-24 (Cl:. 5, 5.4): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.4): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.4): 2021 IEC 62053-21 (Cl:. 5, 5.4): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.4): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.4): 2021 IEC 62053-23 (Cl:. 5, 5.4): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.4): 2021 EN IEC 62053-23 (Amd: 1

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259	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment& Electrical / Electronic Equipments	Construction requirements: Window	IEC 62053-22 (Cl:. 5, 5.3): 2020 BS EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.3): 2021 EN IEC 62053-22 (Amd: 11) (Cl:. 5, 5.3): 2021 IEC 62053-24 (Cl:. 5, 5.3): 2020 BS EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.3): 2021 EN IEC 62053-24 (Amd: 11) (Cl:. 5, 5.3): 2021 IEC 62053-21 (Cl:. 5, 5.3): 2020 BS EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.3): 2021 EN IEC 62053-21 (Amd: 11) (Cl:. 5, 5.3): 2021 IEC 62053-23 (Cl:. 5, 5.3): 2020 BS EN IEC 62053-23 (Amd: 11) (Cl:. 5, 5.3): 2021 EN IEC 62053-23 (Amd: 1
260	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters/ Smart Meter	Tamper and Fraud Monitoring	CBIP-325 (Cl. 6.7): 2015 Central Electricity Authority :-Installation and Operation of Meters Regulations 2006+Amd 2010: 2010 CBIP-88 (Cl. 6.7): 2002 CBIP-304 (Cl. 6.7)
261	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters/ Smart Meter	Verification- Additional - Functionalities	IS 15884 : 2010 Reaffirmed 2015(Cl. 6.1 & Annexure A.2): 2015 IEC62055-31(Cl: Annexure A.2) (Withdrawn)

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262	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Other tests (Vibration test(Sine))	IS 12784 Part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.22) : 2012 IEC 60688 (Cl:6 & 6.22):2012 EN 60688 (Cl: 6 & 6.22): 2013 IEC 60688 (Cl: 6 & 6.23): 2021 IEC 60688 (Annex A & A.7 & A.7.23)
263	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Analogue output signals	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.2): 2012 IEC 60688 (Cl: 5 & 5.2): 2012 EN 60688 (Cl: 5 & 5.2): 2013 IEC 60688 (Cl: 5 & 5.7): 2021 IEC 60688 (Annex A & A.6 & A.6.6.7 & A.6.6.8)
264	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Auxiliary supply	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 : (Cl: 4 & 4.4): 2012 IEC 60688 (Cl: 4 & 4.6):2012 EN 60688 (Cl: 4 & 4.6): 2013 IEC 60688 (Cl: 5 & 5.5): 2021 IEC 60688 (Annex A & A.6 & A.6.6.7 & A.6.6.8)
265	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Class index requirements	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 : (Cl: 4 & 4.1): 2012 IEC 60688 (Cl: 4 & 4.2 & 4.3):2012 EN 60688 (Cl: 4 & 4.2 & 4.3): 2013 IEC 60688 (Cl: 5 & 5.3): 2021 IEC 60688 (Annex A & A.6 & A.6.6 & A.6.6.1)

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266	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Cold test (Climatic Requirement)	IEC 60688 (Cl: 5.11): 2013 IEC 60688 (Cl: A.6.4, 5.14):2021 IEC 60688 (Cl:6.4, B7.4)
267	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Conditions for the determination of intrinsic error	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 : (Cl: 4 & 4.3): 2012 IEC 60688 (Cl: 4 & 4.5):2012 EN 60688 (Cl: 4 & 4.5): 2013 IEC 60688 (Cl: 5 & 5.4): 2021 IEC 60688 (Annex A & A.6 & A.6.6 & A.6.6.2)
268	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Continuous excessive inputs	IS 12784 (part 1) (Cl: 8.3.1) (Withdrawn): 1989 IS 14570 : (Cl: 6 & 6.18): 2012 IEC 60688 (Cl: 6 & 6.17.6):2012 EN 60688 (Cl: 6 & 6.17.6): 2013 IEC 60688 (Cl: 6 & 6.18): 2021 IEC 60688 (Annex A & A.7 & A.7.19)
269	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Damp heat cyclic test (Climatic Requirement)	IEC 60688 (Cl: 5.11): 2013 IEC 60688 (Cl: A.6.4, 5.14):2021 IEC 60688 (Cl:6.4, B7.4)
270	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Digital output signals	IS 12784 (part 1) (Cl: 8.3.1) (Withdrawn): 1989 IS 14570 : (Cl: 5 & 5.3): 2012 IEC 60688 (Cl: 5 & 5.4):2012 EN 60688 (Cl: 5 & 5.4): 2013 IEC 60688 (Cl: 5 & 5.9): 2021 IEC 60688 (Annex A & A.6 & A.6.6.7)

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271	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Dry heat test (Climatic Requirement)	IEC 60688 (Cl: 5.11): 2013 IEC 60688 (Cl: A.6.4, 5.14):2021 IEC 60688 (Cl:6.4, B7.4)
272	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Emission	IS 12784 Part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.22) : 2012 IEC 60688 (Cl:6 & 6.22):2012 EN 60688 (Cl: 6 & 6.22): 2013 IEC 60688 (Cl: 5.2 & 5.2.2 & 6.23): 2021 IEC 60688 (Annex A & A.7 & A.7.23)
273	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Emission requirements (Conducted Emission)	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.3):2024 EN 60688 (6.20)
274	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Emission requirements (Radiated Emission)	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.3):2024 EN 60688 (6.20)
275	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Environmental Condition	IEC 60068-2-3
276	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Environmental Condition	IEC 60068-2-3: 1985 IS 12784 (part 1) (Withdrawn): 1989 IS 14570 : (Cl: 6 & 6.1.2): 2012 IEC 60688 (Cl: 6 & 6.1.2):2012 EN 60688 (Cl: 6 & 6.1.2): 2013 IEC 60688 (Cl: 6 & 6.1.2): 2021 IEC 60688 (Cl: 4 & Annex A & Annex B)

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277	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Excessive inputs of short duration (300A)	IS 12784 part 1 (Cl: 8.3.2) (Withdrawn):1989 IEC 60688 (Cl: 6 & 6.18):2012 EN 60688 (Cl: 6 & 6.18): 2013 IEC 60688 (Cl: 6 & 6.18): 2021 IEC 60688 (Annex A & A.7.19.1.3)
278	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Immunity to conducted disturbances, induced by radio-frequency fields	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
279	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Immunity to electrical fast transients/bursts	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
280	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Immunity to voltage dips and short interruptions	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
281	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Impulse Voltage	IS 12784 (part 1) (Withdrawn) (Cl. 8.6): 1989 IEC 60688 (6.19):2012 EN 60688 (6.19): 2013 IEC 60688 (Cl:6.20): 2021 IEC 60688 (Annex A & A.7.20)
282	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Input values	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.1) : 2012 IEC 60688 (Cl: 5 & 5.1):2012 EN 60688 (Cl: 5 & 5.1)): 2013 IEC 60688 (Cl:5 &5.6): 2021 IEC 60688 (Annex A & A.6.6.4)

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283	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Interface coding	IS 12784 Part 1 (Withdrawn): 1989 IS 14570 : 2012 IEC 60688 :2012 EN 60688 : 2013 IEC 60688 (Annex B): 2021 IEC 60688 (Annex C)
284	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Limiting conditions for storage and transport	IS 12784 part 1 (Cl: 9.2) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.10) : 2012 IEC 60688 (Cl: 5 & 5.11):2012 EN 60688 (Cl: 5 & 5.11): 2013 IEC 60688 (Cl: 5 & 5.16): 2021 IEC 60688 (Annex A & A.6.6.14)
285	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Limiting conditions of operation	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.8) : 2012 IEC 60688 (Cl: 5 & 5.9):2012 EN 60688 (Cl: 5 & 5.9): 2013 IEC 60688 (Cl: 5 & 5.14): 2021 IEC 60688 (Annex A & A.6.6.12)
286	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Limiting value of output	IS 12784 part 1 (Cl: 8.4) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.7) : 2012 IEC 60688 (Cl: 5 & 5.8):2012 EN 60688 (Cl: 5 & 5.8): 2013 IEC 60688 (Cl: 5 & 5.13): 2021 IEC 60688 (Annex A & A.6.6.11)

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287	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Limiting value of the output signal	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.7) : 2012 IEC 60688 (Cl: 5 & 5.8):2012 EN 60688 (Cl: 5 & 5.8): 2013 IEC 60688 (Cl:5 & 5.13): 2021 IEC 60688 (Annex A & A.6.6.11)
288	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Limits of the measuring range	IS 12784 part 1 (Cl: 5.10) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.9): 2012 IEC 60688 (Cl: 5 & 5.10):2012 EN 60688 (Cl: 5 & 5.10): 2013 IEC 60688 (Cl: 5 & 5.15): 2021 IEC 60688 (Annex A & A.6 & A.6.6.13)
289	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Marking	IS 12784 Part 1 (Cl: 10) (Withdrawn): 1989 IS 14570 (Cl: 7) : 2012 IEC 60688 (Cl: 7 & Table 6 & 7):2012 EN 60688 (Cl: 7 & Table 6 & 7): 2013 IEC 60688 (Cl: 7 & Annex A & Annex E): 2021 IEC 60688 (Cl: 6 & 6.7 & Annex A & Annex B)
290	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Marking and information for TRD1	IS 12784 Part 1 (Cl: 10) (Withdrawn): 1989 IS 14570 (Cl: 7) : 2012 IEC 60688 (Cl: 7 & Table 6 & 7):2012 EN 60688 (Cl: 7 & Table 6 & 7): 2013 IEC 60688 (Cl: 7 & Annex A & Annex E): 2021 IEC 60688 (Cl: 6 & 6.7 & Annex A & Annex B)

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291	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Other tests (Shock Test)	IS 12784 Part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.22) : 2012 IEC 60688 (Cl:6 & 6.22):2012 EN 60688 (Cl: 6 & 6.22): 2013 IEC 60688 (Cl: 6 & 6.23): 2021 IEC 60688 (Annex A & A.7 & A.7.23)
292	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Other tests (Voltage Dips & Interruptions)	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.23) : 2012 IEC 60688 (Cl: 6 & 6.22):2012 EN 60688 (Cl: 6 & 6.22): 2013 IEC 60688 (Cl: 6 & 6.23) (Table 1, Table 2 & Table 3): 2021 IEC 60688 (Annex A & A .7 & A.7.23)
293	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Other tests : (for vibration: IEC 60068-2-6, for shock: IEC 60068-2-27, for electromagnetic compatibility: IEC 61326-1)	IS 12784 Part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.22) : 2012 IEC 60688 (Cl:6 & 6.22):2012 EN 60688 (Cl: 6 & 6.22): 2013 IEC 60688 (Cl: 6 & 6.23): 2021 IEC 60688 (Annex A & A.7 & A.7.23)
294	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Output transfer function	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 5) : 2012 IEC 60688 (Cl: 5 & 5.3):2012 EN 60688 (Cl: 5 & 5.3): 2013 IEC 60688 (Cl: 5 & 5.8): 2021 IEC 60688 (Annex A & A.6.6.6)

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295	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Over range of Measurand	IS 12784 part 1 (Cl: 6.8) (Withdrawn):1989 IS 14570 (Cl: 5 & 5.6) : 2012 IEC 60688 (Cl: 5 & 5.7):2012 EN 60688 (Cl: 5 & 5.7): 2013 IEC 60688 (Cl:5 & 5.12): 2021 IEC 60688 (Annex A & A.6.6.10)
296	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Permissible excessive inputs	IS 12784 part 1 (Cl: 8.3) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.18) : 2012 IEC 60688 (Cl: 6 & 6.18):2012 EN 60688 (Cl: 6 & 6.18): 2013 IEC 60688 (Cl: 6 & 6.18): 2021 IEC 60688 (Annex A & A .7 & A.7.19)
297	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Power frequency magnetic field immunity test	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
298	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Requirements for TRD2	IEC 60688 :2012 EN 60688 : 2013 IEC 60688 (Annexure A): 2021 IEC 60688 (Annexure B)
299	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Response time	IS 12784 part 1 (Cl: 8.2) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.5) : 2012 IEC 60688 (Cl:5 & 5.6):2012 EN 60688 (Cl: 5 & 5.6): 2013 IEC 60688 (Cl: 5.& 5.11): 2021 IEC 60688 (Annex A & A.6 & A.6.6.9)

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300	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Ripple (for analogue outputs)	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.4) : 2012 IEC 60688 (Cl: 5 & 5.5):2012 EN 60688 (Cl: 5 & 5.5): 2013 IEC 60688 (Cl: 5 & 5.10): 2021 IEC 60688 (Annex A & A.6.6.8)
301	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Ripple content of output	IS 12784 part 1 (Cl: 8) (Withdrawn)
302	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Safety requirements: clearances and creepage distances	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.19) : 2012 IEC 60688 (Cl: 4 & 4.7):2012 EN 60688 (Cl: 4 & 4.7): 2013 IEC 60688 (Cl: 5 & 5.1): 2021 IEC 60688 (Cl: 6.2) (Annex A & A.6.2)
303	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Sealing	IS 12784 Part 1 (Cl:9.3) (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.11) : 2012 IEC 60688 (Cl: 5 & 5.12):2012 EN 60688 (Cl: 5 & 5.12): 2013 IEC 60688 (Cl: 5 & 5.17): 2021 IEC 60688 (Cl: 6 & 6.7 & Annex A & Annex B)
304	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Sealing verification	IS 12784 (Part 1) (Cl: 9.3) (Withdrawn)

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305	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Shock test	IEC 60688 (Cl: 6.22): 2013 IEC 60688 (Cl: A.6.5, 6.23):2021 IEC 60688 (Cl: 6.5,7.5, A.7.23)
306	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Stability	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.12) : 2012 IEC 60688 (Cl: 5 & 5.13):2012 EN 60688 (Cl: 5 & 5.13): 2013 IEC 60688 (Cl: 5 & 5.18): 2021 IEC 60688 (Annex A & A.6.6.16)
307	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Surge Immunity test	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
308	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Test for Limits of Intrinsic Error	IS 12784 (part 1): (Cl: 4) (Withdrawn): 1989 IS 14570 : (Cl: 4 & 4.1 & 4.2): 2012 IEC 60688 (Cl: 4 & 4.4):2012 EN 60688 (Cl: 4 & 4.4): 2013 IEC 60688 (Cl: 5 & 5.3): 2021 IEC 60688 (Annex A & A.6 & A.6.6.1)
309	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Test for temperature rise	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.22) : 2012 IEC 60688 (Cl: 6 & 6.21):2012 EN 60688 (Cl: 6 & 6.21): 2013 IEC 60688 (Cl: 6 & 6.22): 2021 IEC 60688 (Annex A & A .7 & A.7.22)

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310	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Test of Immunity to electromagnetic RF fields	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
311	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Test of Immunity to Electrostatic Discharges	IEC 60688 (6.20):2012 IEC 60688 (Cl:6.21):2021 IEC 60688 (Cl:6.3.2):2024 EN 60688 (6.20)
312	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Test of Protection Against Penetration of Dust and Water	IEC 60688 : 2013 IEC 60688 :2021 IEC 60688
313	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to Ambient Temperature	IS 12784 part 1 (Cl: 8.5): 1989 IS 14570 (Cl: 6 & 6.4) : 2012 IEC 60688 (Cl: 6 & 6.4):2012 EN 60688 (Cl: 6 & 6.4): 2013 IEC 60688 (Cl: 6 & 6.4): 2021 IEC 60688 (Annex A & A .7 & A.7.5)
314	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to Auxiliary Supply Frequency	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.3) : 2012 IEC 60688 (Cl: 6 & 6.3):2012 EN 60688 (Cl: 6 & 6.3): 2013 IEC 60688 (Cl: 6 & 6.3): 2021 IEC 60688 (Annex A & A .7 & A.7.4)

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315	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to Auxiliary Supply Voltage	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.2) : 2012 IEC 60688 (Cl: 6 & 6.2):2012 EN 60688 (Cl: 6 & 6.2): 2013 IEC 60688 (Cl: 6 & 6.2): 2021 IEC 60688 (Annex A & A .7 & A.7.3)
316	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to common mode interference	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.16) : 2012 IEC 60688 (Cl: 6 & 6.16):2012 EN 60688 (Cl: 6 & 6.16): 2013 IEC 60688 (Cl: 6 & 6.16): 2021 IEC 60688 (Annex A & A .7 & A.7.17)
317	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to continuous operation	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.15) : 2012 IEC 60688 (Cl: 6 & 6.15):2012 EN 60688 (Cl: 6 & 6.15): 2013 IEC 60688 (Cl: 6 & 6.15): 2021 IEC 60688 (Annex A & A .7 & A.7.16)
318	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to interaction between measuring elements	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.13) : 2012 IEC 60688 (Cl: 6 & 6.13):2012 EN 60688 (Cl: 6 & 6.13): 2013 IEC 60688 (Cl: 6 & 6.13): 2021 IEC 60688 (Annex A & A .7 & A.7.14)

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319	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to magnetic field of external origin	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.11) : 2012 IEC 60688 (Cl: 6 & 6.11):2012 EN 60688 (Cl: 6 & 6.11): 2013 IEC 60688 (Cl: 6 & 6.11): 2021 IEC 60688 (Annex A & A .7 & A.7.12)
320	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to output load	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.9) : 2012 IEC 60688 (Cl: 6 & 6.9):2012 EN 60688 (Cl: 6 & 6.9): 2013 IEC 60688 (Cl: 6 & 6.9): 2021 IEC 60688 (Annex A & A .7 & A.7.10)
321	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to over-range of the measurand	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 5 & 5.6) : 2012 IEC 60688 (Cl: 5 & 5.7):2012 EN 60688 (Cl: 5 & 5.7): 2013 IEC 60688 (Cl: 5 & 5.12): 2021 IEC 60688 (Annex A & A.6.6.10)
322	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to self-heating	IS 12784 (part 1) (Cl: 6.3.2) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.14): 2012 IEC 60688 (Cl: 6 & 6.14):2012 EN 60688 (Cl: 6 & 6.14): 2013 IEC 60688 (Cl: 6 & 6.14): 2021 IEC 60688 (Annex A & A.7 & A.7.15)

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323	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to series mode interference	IS 12784 part 1 (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.17) : 2012 IEC 60688 (Cl: 6 & 6.17):2012 EN 60688 (Cl: 6 & 6.17): 2013 IEC 60688 (Cl: 6 & 6.17): 2021 IEC 60688 (Annex A & A .7 & A.7.18)
324	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the continuous operation	IS 12784 part 1 (Cl: 6.3) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.15) : 2012 IEC 60688 (Cl: 6 & 6.15):2012 EN 60688 (Cl: 6 & 6.15): 2013 IEC 60688 (Cl: 6 & 6.15): 2021 IEC 60688 (Annex A & A .7 & A.7.16)
325	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the distortion of the input quantity	IS 12784 part 1 (Cl: 6.5) (Withdrawn):1989 IS 14570 (Cl: 6 & 6.10) : 2012 IEC 60688 (Cl: 6 & 6.10):2012 EN 60688 (Cl: 6 & 6.10): 2013 IEC 60688 (Cl: 6 & 6.10): 2021 IEC 60688 (Annex A & A .7 & A.7.11)
326	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the frequency of the input quantity	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.5) : 2012 IEC 60688 (Cl: 6 & 6.5):2012 EN 60688 (Cl: 6 & 6.5): 2013 IEC 60688 (Cl: 6 & 6.5): 2021 IEC 60688 (Annex A & A .7 & A.7.6)

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327	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the input Current	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.7) : 2012 IEC 60688 (Cl: 6 & 6.7):2012 EN 60688 (Cl: 6 & 6.7): 2013 IEC 60688 (Cl: 6 & 6.7): 2021 IEC 60688 (Annex A & A .7 & A.7.8)
328	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the input Voltage	IS 12784 (part 1) (Withdrawn) (Cl. 6.1): 1989 IS 14570 (Cl: 6 & 6.6) : 2012 IEC 60688 (Cl: 6 & 6.6):2012 EN 60688 (Cl: 6 & 6.6): 2013 IEC 60688 (Cl:6 & 6.6): 2021 IEC 60688 (Annex A & A.7.7)
329	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the input Voltage	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.6): 2012 IEC 60688 (Cl: 6 & 6.6):2012 EN 60688 (Cl: 6 & 6.6): 2013 IEC 60688 (Cl: 6 & 6.6): 2021 IEC 60688 (Annex A & A .7 & A.7.7)
330	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the interaction between measuring elements	IS 12784 part 1 (Cl: 6.6) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.13): 2012 IEC 60688 (Cl: 6 & 6.13):2012 EN 60688 (Cl: 6 & 6.13): 2013 IEC 60688 (Cl: 6 & 6.13): 2021 IEC 60688 (Annex A & A .7 & A.7.14)

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331	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the magnetic field of external origin	IS 12784 part 1 (Cl: 6.7) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.11): 2012 IEC 60688 (Cl: 6 & 6.11):2012 EN 60688 (Cl: 6 & 6.11): 2013 IEC 60688 (Cl: 6 & 6.11): 2021 IEC 60688 (Annex A & A .7 & A.7.12)
332	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the output load	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.9): 2012 IEC 60688 (Cl: 6 & 6.9):2012 EN 60688 (Cl: 6 & 6.9): 2013 IEC 60688 (Cl: 6 & 6.9): 2021 IEC 60688 (Annex A & A .7 & A.7.10)
333	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the power factor	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.7): 2012 IEC 60688 (Cl: 6 & 6.8):2012 EN 60688 (Cl: 6 & 6.8): 2013 IEC 60688 (Cl: 6 & 6.8): 2021 IEC 60688 (Annex A & A .7 & A.7.9)
334	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variation due to the unbalanced currents	IS 12784 part 1 (Cl: 6.4) (Withdrawn): 1989 IEC 60688 (Cl: 6 & 6.12):2012 EN 60688 (Cl: 6 & 6.12): 2013 IEC 60688 (Cl: 6 & 6.12): 2021 IEC 60688 (Annex A & A .7 & A.7.13)

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335	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to ambient temperature	IS 12784 part 1 (Cl: 6.4) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.4): 2012 IEC 60688 (Cl: 6 & 6.4):2012 EN 60688 (Cl: 6 & 6.4): 2013 IEC 60688 (Cl: 6 & 6.4): 2021 IEC 60688 (Annex A & A .7 & A.7.5)
336	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to auxiliary supply frequency	IS 12784 part 1 (Cl: 6.3) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.3): 2012 IEC 60688 (Cl: 6 & 6.3):2012 EN 60688 (Cl: 6 & 6.3): 2013 IEC 60688 (Cl: 6 & 6.3): 2021 IEC 60688 (Annex A & A .7 & A.7.4)
337	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to auxiliary supply voltage	IS 12784 part 1 (Cl: 6.2) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.2): 2012 IEC 60688 (Cl: 6 & 6.2):2012 EN 60688 (Cl: 6 & 6.2): 2013 IEC 60688 (Cl: 6 & 6.2): 2021 IEC 60688 (Annex A & A .7 & A.7.3)
338	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to distortion of the input quantity(ies)	IS 12784 part 1 (Cl: 6.10) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.10): 2012 IEC 60688 (Cl: 6 & 6.10):2012 EN 60688 (Cl: 6 & 6.10): 2013 IEC 60688 (Cl: 6 & 6.10): 2021 IEC 60688 (Annex A & A .7 & A.7.11)

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339	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to power factor	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IEC 60688 (Cl: 6 & 6.8):2012 EN 60688 (Cl: 6 & 6.8): 2013 IEC 60688 (Cl: 6 & 6.8): 2021 IEC 60688 (Annex A & A .7 & A.7.9)
340	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to the frequency of the input quantity(ies)	IS 12784 (part 1) (Withdrawn): 1989 IS 14570 : (Cl: 6 & 6.5): 2012 IEC 60688 (Cl: 6 & 6.5):2012 EN 60688 (Cl: 6 & 6.5): 2013 IEC 60688 (Cl: 6 & 6.5): 2021 IEC 60688 (Annex A & A .7 & A.7.6)
341	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to the input current	IS 12784 part 1 (Cl: 6.1) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.7) : 2012 IEC 60688 (Cl: 6 & 6.7):2012 EN 60688 (Cl: 6 & 6.7): 2013 IEC 60688 (Cl: 6 & 6.7): 2021 IEC 60688 (Annex A & A .7 & A.7.8)
342	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Variations due to the input voltage	IS 12784 (part 1) (Withdrawn) (Cl. 6.1): 1989 IS 14570 (Cl: 6 & 6.6) : 2012 IEC 60688 (Cl: 6 & 6.6):2012 EN 60688 (Cl: 6 & 6.6): 2013 IEC 60688 (Cl:6 & 6.6): 2021 IEC 60688 (Annex A & A.7.7)
343	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Vibration Test	IEC 60688 (Cl: 6.22): 2013 IEC 60688 (Cl: A.6.5, 6.23):2021 IEC 60688 (Cl: 6.5,7.5, A.7.23)

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344	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Voltage Test, Insulation Test and other safety requirements	IS 12784 (part 1) (Withdrawn) (Cl. 8.6): 1989 IEC 60688 (6.18):2012 EN 60688 (6.18): 2013 IEC 60688 (Cl:6.19): 2021 IEC 60688 (Cl:6.19)
345	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical Measuring Transducers	Voltage Test, Insulation Test and other safety requirements	IS 12784 Part 1 (Cl: 8.6) (Withdrawn): 1989 IS 14570 (Cl: 6 & 6.19) : 2012 IEC 60688 (Cl: 6 & 6.18):2012 EN 60688 (Cl: 6 & 6.18): 2013 IEC 60688 (Cl:6 & 6.19): 2021 IEC 60688 (Annex A & A.7.19 & A.7.19.1.4)
346	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity metering equipment	Durability	OIML: R 46-1/-2 (Cl: 6.4.17): 2012 IEC 62059-32-1: 2011 EN62059-32-1
347	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electricity Meters	Operational Requirements: Optical Port	AS 62056.21 (Cl:4.3.5.4): 2002 IS/IEC 62056-21 (Cl:4.3.5.4): 2002 NMI M6-1 (Cl:7.4)
348	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Backup Power Supply Replacement	AS 62054.21 (Cl : 7.1.7, 7.1.8): 2018 AS 62052.21 (Cl : 7.1.7, 7.1.8): 2018 IEC 62052-21 (Amd 1:2016) (Cl: 7.1.7, 7.1.8): 2004 IEC 62054-21 (Amd 1:2017) (Cl: 7.1.7, 7.1.8)
349	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Immunity to DC Magnetic Fields	AS 62052.21 (Cl: 7.6.9): 2018 IEC 62054-21 (Amd 1: 2017) (Cl: 7.6.9): 2004 AS 62054-21 (Cl: 7.6.9): 2018 IEC 62052-21 (Amd 1: 2016) (Cl: 7.6.9)

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350	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Long Interruptions of Supply Voltage	IEC 62052-21 (Amd 1: 2016) (Cl: 7.1.5): 2004 AS 62054-21 (Cl: 7.1.5): 2018 AS 62052-21 (Cl: 7.1.5): 2018 IEC 62054-21 (Amd 1: 2017) (Cl: 7.1.5)
351	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Operation Reserves	IEC 62054-21 (Amd 1: 2017) (Cl: 7.1.6): 2004 AS 62052.21 (Cl: 7.1.6): 2018 IEC 62052-21 (Amd 1: 2016) (Cl: 7.1.6): 2004 AS 62054-21 (Cl: 7.1.6)
352	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Output Elements - Rated breaking voltage - Rated breaking current	AS 62054.21 (Cl: 7.4): 2018 IEC 62054-21 (Amd 1: 2017) (Cl: 7.4): 2004 AS 62052.21 (Cl: 7.4): 2018 IEC 62052-21 (Amd 1: 2016) (Cl: 7.4)
353	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Switching Accuracy -Test on time switches with dials	IEC 62054-21 (Amd1: 2017) (Cl: 7.5.3.1): 2004 AS 62052-21: 2018 (IEC 62052-21) (Amd1: 2016): 2004 AS 62054-21 (Cl: 7.5.3.1)
354	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Synchronization	IEC 62052-21 (Amd1:2016): 2004 AS 62054-21 (Cl: 7.5.4): 2018 AS 62052-21: 2018 IEC 62054-21 (Amd1:2017) (Cl: 7.5.4)
355	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of immunity to Inter Harmonics (10% of 320 V(P-N)	IEC 62054-21 (Amd 1: 2017) (Cl: 7.6.11): 2004 AS 62054.21 (Cl: 7.6.11)

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356	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of immunity to Inter Harmonics (10% of 320 V(P-N)	IEC 62054-21 (Amd 1: 2017) (Cl: 7.6.11): 2004 AS 62054.21 (Cl: 7.6.11)
357	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of immunity to Inter Harmonics (10% of Harmonic)	IEC 62052-21 (Amd 1: 2016) (Cl: 7.6.12): 2004 AS 62052.21 (Cl: 7.6.12)
358	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of immunity to Inter Harmonics (10% of Harmonic)	IEC 62052-21 (Amd 1: 2016) (Cl: 7.6.12): 2004 AS 62052.21 (Cl: 7.6.12)
359	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of Influence of Harmonics (10% of 320 V(P-N)	AS 62054.21 (Cl: 7.6.11)
360	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of Influence of Harmonics (10% of 320 V(P-N)	AS 62054.21 (Cl: 7.6.11)
361	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of Influence of Harmonics (10% of Harmonic)	IEC 62054-21 (Amd 1: 2017) (Cl: 7.6.11): 2004 IEC 62052-21 (Amd 1: 2016) (Cl: 7.6.11)
362	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of Influence of Harmonics (10% of Harmonic)	IEC 62054-21 (Amd 1: 2017) (Cl: 7.6.11): 2004 IEC 62052-21 (Amd 1: 2016) (Cl: 7.6.11)

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363	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of synchronous & crystal controlled time switches on operation reserve	AS 62054.21 (Cl: 7.5.2.3.2.2&7.5.2.3.3.2): 2018 AS 62052-21: 2018 IEC 62052-21 (Amd1:2016): 2004 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.2.3.2.2&7.5.2.3.3.2): 2004 IEC 62052-21 (Amd1: 2016): 2004 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2004 AS 62054-21 (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2018 AS 62052-21
364	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of synchronous & crystal controlled time switches supplied by mains	AS 62054.21 (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2018 AS 62052-21: 2018 IEC 62052-21 (Amd1:2016): 2004 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2004 IEC 62052-21 (Amd1: 2016): 2004 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2004 AS 62054-21 (Cl: 7.5.2.3.2.1&7.5.2.3.3.1): 2018 AS 62052-21
365	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test of the effects of short supply interruptions on synchronous time switches (Except 20ms & 50ms)	AS 62054-21 (Cl: 7.6.8.2&7.6.8.3): 2018 AS 62052-21 (Cl: 7.1.4 & 7.6.8): 2018 IEC 62054-21 (Amd1: 2017) (Cl: 7.6.8.2&7.6.8.3): 2004 IEC 62052-21 (Amd1: 2016) (Cl: 7.1.4 & 7.6.8)

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366	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Test on time switches with digital displays	AS 62054-21 (Cl: 7.5.3.2): 2018 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.3.2): 2004 IEC 62052-21 (Amd1: 2016): 2004 AS 62052-21
367	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Time keeping accuracy. Requirement for Synchronous Time and Crystal Switches	IEC 62055-31 (Annexure D): 2022 IEC 62055-31 (Annexure D): 2005 EN 50470-3 (Cl: 7.11):2022 IEC 62054-21 (Amd 1:2017) (Cl: 7.5.2.3.3.3): 2004 AS 62054.21(Cl: 7.5.2.3.3.3): 2018 AS 62052.21: 2018 AS 62053.24 (Cl:7.11): 2023 AS 62053.22 (Cl:7.11): 2023 AS 62053.21 (Cl:7.11): 2023 IEC 62052-21 (Amd1: 2016): 2004 AS 62052.21: 2018 AS 62054.21 (Cl: 7.5.2.3): 2018 IEC 62052-21 (Amd1: 2016): 2004 IEC 62054-21 (Amd1: 2017) (Cl: 7.5.2.3): 2004 AS 62054.21 (Cl: 7.5.2): 2018 IEC 62052-21 (Amd
368	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	-Time switches with Mechanical analogue Dials.	AS 62054.21 (Cl: 7.5.1.1): 2018 AS 62052.21: 2018 IEC 62054-21 (Amd 1: 2017) (Cl: 7.5.1.1): 2004 IEC 62052-21 (Amd 1: 2016)
369	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Time Switches (Synchronous & Crystal Controlled)	Variation of the Supply Frequency	IEC 62052-21 (Amd 1: 2016) (Cl: 7.1.2): 2004 AS 62054.21 (Cl: 7.1.2): 2018 IEC 62054-21 (Amd 1: 2017) (Cl: 7.1.2)

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370	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Influence error in the case of ac voltage measurement	IS 13875 Part 2 (Cl: 3.13): 1993 IS 13875 Part 1 (Cl: 4.2.2)
371	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Overload	IS 13875 Part 2 (Cl; 3.15): 1993 IS 13875 Part 3 (Cl: 3.10)
372	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Step response time	IS 13875 Part 2 (Cl: 3.14)
373	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter.	Frequency Influence error in the case of ac voltage measurement	IS 13875 Part 2 (Cl: 3.13): 1993 IS 13875 Part 1 (Cl: 4.2.2)
374	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Influence error resulting from a change in Position	IS 13875 (Part 2) (Cl: 3.6): 1993 IS 13875 (Part 3) (Cl: 3.6): 1993 IS 13875 (Part 1) (Cl: 4.6)
375	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Influence error resulting from change in Ambient Temperature	IS 13875 (Part 2) Cl: 4.4, 3.4): 1993 IS 13875 (Part 3) (Cl: 4.4, 3.4): 1993 IS 13875 (Part 1) (Cl: 4.4)
376	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Influence error resulting from change in Relative Air Humidity	IS 13875 (Part 1) (Cl: 4.5): 1993 IS 13875 (Part 3) (Cl: 3.5): 1993 IS 13875 (Part 2) (Cl: 3.5)

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377	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Influence error resulting from Supply Voltage	IS 13875 (Part 3) (Cl: 3.8, 4.8): 1993 IS 13875 (Part 2) (Cl: 3.8, 4.8): 1993 IS 13875 (Part 1) (Cl: 4.8)
378	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Intrinsic Error	IS 13875 (Part 3) (Cl: 3.2): 1993 IS 13875 Part (2) (Cl: 3.2): 1993 IS 13875 (Part 1) (Cl: 4.2)
379	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Self Heating Due to Measured Quantity	IS 13875 (Part 2) (Cl. 3.16): 1993 IS 13875 (Part 3) (Cl: 3.11): 1993 IS 12784 (part 1) (Cl. 6.3.2) (Withdrawn)
380	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Voltmeter, Ameter, Power meter, Ohmmeter, Temperature measuring instruments, Events meters, Frequency meter, Speed indicator, Resistance meter, electro-technical indicating instrument, Q meter, Capacitor meter	Self Heating Due to Measured Quantity	IS 13875 (Part 2) (Cl: 3.16): 1993 IS 13875 (Part 3) (Cl: 3.11)
381	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Range : upto 220kV)	Measurement of Capacitance	IEC 61869 Part 5: 2011IS 16227 Part 5
382	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Range : upto 220kV)	Measurement of Tan Delta	IS 16227 Part 5: 2015IEC 61869 Part 5
383	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	Terminal marking and polarity	IEC 61869-5: 2011 IS 3156 Part 4 (Withdrawn): 1992 IS 16227-5 (Cl: 6.13.501)
384	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	Terminal marking and polarity	IS 3156 (Part 4) (Cl: 8) (Withdrawn): 1992 IEC 61869-5 (Cl 6.13.501): 2011 IS 16227-5 (Cl: 6.13.501)

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385	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage Transformers (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227-5 (Cl: 7.2.6 & 7.3.5) (Withdrawn) :2015 IEC 61869-5 (Cl: 7.2.6, 7.3.5)
386	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Determination of the instrument security factor (FS)	IEC 61869-4 (Cl: 7.5.2): 2013IS 16227 -4 (Cl: 7.5.2): 2015IEC 61869-4 (Cl: 7.5.2): 2013IS 16227-4 (Cl: 7.5.2)
387	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Determination of the secondary winding resistance	IEC 61869-4 (Cl: 7.3.201): 2013IS 16227 -4 (Cl: 7.3.201)
388	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Power-frequency voltage withstand tests between sections	IEC 61869-4 (Cl: 7.3.3): 2013IS 16227-4 (Cl: 7.3.3)
389	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Power-frequency voltage withstand tests on secondary terminals	IEC 61869-4 (Cl: 7.3.4): 2013IS 16227-4 (Cl: 7.3.4)
390	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IS 16227-4 (Cl: 7.3.203): 2015IEC 61869-4 (Cl: 7.3.203)
391	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer ((Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P)	Power-frequency voltage withstand tests on primary terminals	IEC 61869-4 (Cl: 7.3.1): 2013IS 16227-4 (Cl: 7.3.1)
392	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Over-voltage inter-turn test	IS 16227-4 (Cl: 7.3.204): 2015, IEC 61869-4 (Cl: 7.3.204)
393	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (LT, 0.66kV HSV) (class:0.1S to 1) (5P,10P,15P) (Range 1A to 3200A)	Determination of the secondary winding resistance	IS 2705-1,2,3&4 (Cl: 6.2) (Withdrawn)
394	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency withstand test on secondary windings	IEC 60044-1 (Cl: 8.3, 14.4.4) (Withdrawn)

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395	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency withstand tests, between sections	IEC 60044-1 (Cl: 8.3, 14.4.4) (Withdrawn)
396	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IEC 61869-2 (Cl: 7.3.203): 2012, IS 16227-2 (Cl: 7.3.203)
397	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range: 1A to 3200A)	Determination of the instrument security factor (FS)	IS 16227-2 (Cl: 7.5.2): 2016, IEC 61869-2 (Cl: 7.5.2)
398	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (class:0.1s to 1) (primary current 1A to 3200A)	Determination of the instrument security factor (FS)	IS 2705-1,2,3&4 (Cl: 7.1.2) (Withdrawn)
399	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Met+A51:L52ering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV, Accuracy Class-0.1 to 1 & 5P to 15P)	Power frequency dry withstand tests on primary windings	IS 2705-1,2,3&4 (Cl: 9.3) (Withdrawn)
400	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1 (Cl: 7.3.1): 2023, IEC 61869-2 (Cl: 7.3.1): 2012, IS 16227-1 (Cl: 7.3.1): 2016, IS 16227-2 (Cl: 7.3.1):
401	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P	Power-frequency withstand test on primary winding	IEC 60044-1 (Cl: 8.2.1) (Withdrawn)
402	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range : 1A to 3200A)	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f	IS 2705-1,2,3&4 (Cl: 6.1) (Withdrawn)
403	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power frequency dry withstand tests on secondary windings	IS 2705-1,2,3&4 (Cl: 9.4)(Withdrawn)
404	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power-frequency voltage withstand tests between sections	IS 16227-1 (Cl: 7.3.3): 2016IS 16227-2 (Cl: 7.3.3): 2016IEC 61869-1 (Cl: 7.3.3): 2023IEC 61869-2 (Cl: 7.3.3)

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405	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power-frequency voltage withstand tests on secondary terminals	IEC 61869-1 (Cl 7.3.4): 2023, IEC 61869-2 (Cl: 7.3.4): 2012, IS 16227-1 (Cl: 7.3.4): 2016, IS 16227-2 (Cl: 7.3.4):
406	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range-1A to 3200A)	Over-voltage inter-turn test	IEC 61869-2 (Cl: 7.3.204): 2012IS 16227 -2 (Cl: 7.3.204): 2016IEC 60044-1 (Cl: 8.4, 14.4.5) (Withdrawn)
407	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers ((Protection) (5P,10P,15P))	Accuracy limit factor	IEC 61869-1: 2023IS 16227 Part 2 (Cl: 3.4.208): 2016IS/IEC 60044-1 (Cl: 13.1) (Withdrawn): 2003IS 2705 Part 3 (Cl: 7.1.2, 7.2.2) (Withdrawn): 1992IS 16227 Part-1
408	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class :0.2s to 1) (5P,10P,15P) By Primary Injection method)	Terminal Marking and Polarity	IS 2705 Part 1 (Cl: 9.2) (Withdrawn): 1992 IS 2705 Part 4 (Cl: 5) (Withdrawn): 1992 IS 2705 Part 3 (Cl: 6) (Withdrawn): 1992 IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Cl: 8.1) (Withdrawn): 1996 IS 2705 Part 2 (Cl: 6) (Withdrawn)
409	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.1s to 1) (5P,10P,15P) (class:0.1s to 1) (primary current 1A to 3200A))	Determination of the instrument security factor (FS)	IS 2705 (Part 2) (Cl: 7.1.2) (Withdrawn)
410	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.1s to 1) (5P,10P,15P) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Cl: 11.4, 12.5 14.3) (Withdrawn)

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411	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.2s to 1) (5P,10P,15P))	Composite Error	IS 2705 Part 1 (Withdrawn): 1992, IEC 60044-1 (AMD1: 2000, AMD2: 2002) (Cl: 12.5, 12.6) (Withdrawn): 1996, IS 2705 Part 2 (Cl: 7.1.2) (Withdrawn), IS 2705 Part 3 (Cl: 2.2 , 7.1.2, 7.2.2) (Withdrawn)
412	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.2s to 1) (5P,10P,15P))	High Voltage Power Frequency	IEC 60044-1 (AMD 1: 2000, AMD 2:,2002) (Cl: 8.3) (Withdrawn): 1996, IS 2705 Part 1 (Cl: 9.3 & 9.4) (Withdrawn)
413	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.2s to 1) (5P,10P,15P))	Over-voltage inter-turn test	IS 2705 Part 1 (Cl: 9.5) (Withdrawn)
414	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.2s to 1) (5P,10P,15P))	Temperature Rise	IS 2705 (Part 1) (Cl: 9.7) (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Cl: 7.2) (Withdrawn)
415	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.66kV HSV) (class:0.2s to 1) (5P,10P,15P))	Winding Resistance	IEC 60044-1 (AMD 1: 2000, AMD 2 :2002) (Cl: 11.6) (Withdrawn): 1996, IS 2705 Part 4 (Cl: 6.2) (Withdrawn): 1992, IS 2705 Part 2 (Cl: 7.1.2) (Withdrawn): 1992, IS 2705 Part 3 (Cl: 7.1.2) (Withdrawn)
416	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class :0.2s to 1) (5P,10P,15P) By Primary Injection method)	Terminal Marking and Polarity	IS 16227 Part 2 (Cl: 6.13.201): 2016, IS 16227 Part 1 (Cl: 7.3.6): 2016, IEC 61869-2 (Cl: 6.13.201)
417	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1 to 1) (5P,10P,15P) (Range 1A to 3200A))	Winding Resistance	IEC 61869-1

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418	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-1 (Cl: 7.2.6, 7.3.6)
419	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227 (Part 1) (Cl: 7.2.6): 2016IS 16227 (Part 2) (Cl: 7.2.6, 7.3.5)
420	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 2705 (Part 3) (Cl: 7.1.1:) (Withdrawn)
421	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A))	High Voltage Power Frequency	IEC 61869-1 (Cl: 7.3.1, 7.3.3, 7.3.4)
422	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A))	High Voltage Power Frequency	IS 16227 Part 2 (Cl: 7.3.1): 2016, IS 16227 Part 1 (Cl: 7.3.1, 7.3.3, 7.3.4): 2016, IEC 61869-2 (Cl: 7.3.1)
423	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A))	Winding Resistance	IS 16227 Part 1: 2016IS 16227 Part 2 (Cl: 7.3.201): 2016IEC 61869-2 (Cl: 7.3.201)
424	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range1A to 3200A))	Over – Voltage Inter-Turn	IS 16227 Part 1: 2016, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002 (Cl: 8.4) (Withdrawn): 1996, IEC 61869-2 (Cl: 7.3.204, 5.3.201), IS 16227-Part 2 (Cl:. 7.3.204, 5.3.201)

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425	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-2 (Cl: 7.2.6 & 7.3.5)
426	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P)) (primary current 1A to 3200A))	Determination of the instrument security factor (FS)	IEC 61869-1
427	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P)) (Range1A to 3200A))	Over – Voltage Inter-Turn	IEC 61869-1
428	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (primary current 1A to 3200A)(5P,10P,15P))	Determination of the instrument security factor (FS)	IEC 61869-2 (Cl: 7.5.2): 2012, IS 16627 Part 1: 2016, IS 16227 Part 2 (Cl: 7.5.2)
429	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) (Class 0.1s to1) By Secondary Injection method (Portable Instrument))	Terminal Marking and Polarity	IEC 61869-1 (Cl: 7.3.7): 2023, IS 16227-1 (Cl: 7.3.6): 2016, IS 2705 Part 1 (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IS 16227 Part 2: IEC 61869-2 (Cl: 6.13.201): 2016, IS 2705 Part 2 (Withdrawn): 2012
430	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) (Class 0.1S to1) By Secondary Injection method (Portable Instrument))	Determination of the instrument security factor (FS)	IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Cl: 11.6) (Withdrawn)
431	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 5A to 3200A) Phase error (Class 0.1s to1) By Secondary Injection method (Portable Instrument)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IS 2705 (Part 2) (Withdrawn): 1992, IS 16227 (Part 2): 2016, IEC 61869-2 (Cl: 7.2.6 & 7.3.5)

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432	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 5A to 3200A) Ratio Error (Class 0.1s to1) By Secondary Injection method (Portable Instrument)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227-Part 2 (Cl: 7.2.6 & 7.3.5): 2016, IS 2705 (Part 2) (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IEC 61869-2 (Cl: 7.2.6, 7.3.5)
433	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Range-1A to 3200A)	Measurement of Capacitance (at 12kV)	IS 16227 Part 2: 2016, IEC 61869 Part 2
434	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Range-1A to 3200A)	Measurement of Tan Delta (at 12kV)	IS 16227 Part 2: 2016, IEC 61869 Part 2
435	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.66kV HSV (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Short time current	IS 2705 Part 1 (Cl: 9.6) (Withdrawn)
436	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.66kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Short time current	IEC 60044 (AMD 1: 2000, AMD 2: 2002) (Cl: 7.1) (Withdrawn)
437	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Temperature Rise	IS 16227 Part1 (Cl: 7.2.2): 2016, IEC 61869-2 (Cl: 7.2.2): 2012, IS 16227 Part 2 (Cl: 7.2.2)
438	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Composite Error	IS 16227 Part 2 (Cl: 7.2.6.203, 7.3.5.203): 2016, IEC 61869-2 (Cl: 7.2.6.203, 7.3.5.203): 2012, IS 16227 Part 1
439	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Short time current	IEC 61869-1
440	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Short time current	IEC 61869-2 (Cl: 7.2.201): 2012, IS 16227 Part 1: 2016, IS 16227 Part 2 (Cl: 7.2.201)

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441	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV) (class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Temperature Rise	IEC 61869-1 (Cl. 7.2.2)
442	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers -Metering & Protection (LT, 0.72kV HSV)(class:0.1s to 1) (5P,10P,15P) (Range 1A to 3200A)	Composite Error	IEC 61869-1
443	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers Metering & Protection (LT, 0.72kV HSV) (class: 0.1s to 1) (5P,10P,15P) (Range 1A to 3200A) By Primary Injection method)	Terminal Marking and Polarity	IEC 61869-1 (Cl: 7.3.7)
444	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers((Protection) (5P,10P,15P) (Primary current 1A to 3200A) (Class 0.1S to 1))	Accuracy limit factor	IEC 61869-2 (Cl: 3.4.208)
445	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers((Protection) (5P,10P,15P (Range 1A to 3200A))	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IS 16227 Part 2 (Cl: 7.3.203): 2016, IS 2705 Part 4 (Cl: 6.1) (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD2: 2002) (Cl: 14.4.1)(Withdrawn): 1996, IS 16227 Part 1
446	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers((Protection) (5P,10P,15P) (Range 1A to 3200A) (class:0.1s to 1))	Composite Error	IS 2705 Part 3 (Cl: 2.2, 7.1.2, 7.2.2) (Withdrawn): 1992, IEC 61869-1: IEC 61869-2 (Cl: 7.2.6.203, 7.3.5.203): 2023, IS 16227-Part 2 (Cl: 7.2.6.203, 7.3.5.203): 2012, IS 16227-Part 1: 2016, IEC 60044 (AMD 1: 2000, AMD2: 2002) (Cl: 12.5, 12.6) (Withdrawn)
447	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers((Protection) (5P,10P,15P) (Range 1A to 3200A))	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f	IEC 61869-2 (Cl: 7.3.203): 2012, IEC 61869-1

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448	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer	Power-frequency voltage withstand tests on secondary terminals	IEC 61869-3 (Cl: 7.3.4): 2011 IS 16227-3 (Cl: 7.3.4)
449	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer ((Metering & Protection)(Range- 63.5V to 33kV,Accurace Class-0.1 to 1 & 3P to 6P)	Power-frequency withstand tests on primary windings	IEC 60044-2 (Cl: 9.2) (Withdrawn)
450	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) By Secondary Injection method (Portable Instrument))	Terminal marking and polarity	IS 16227-3 (Cl: 6.13.301): 2015 IS 3156 Part 2 (Withdrawn): 1992 IEC 60044-2 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1997 IEC 61869-3 (Cl: 6.13.301)
451	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) Phase error By Secondary Injection method (Portable Instrument))	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-3 (Cl: 7.2.6, 7.3.5): 2011 IS 3156 (Part 2) (Withdrawn): 1992 IS 16227-3 (Cl: 7.2.6, 7.3.5)
452	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) Ratio Error By Secondary Injection method (Portable Instrument))	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-3 (Cl: 7.2.6, 7.3.5): 2011 IS 3156 (Part 2) (Withdrawn): 1992 IS 16227-3 (Cl: 7.2.6, 7.3.5)
453	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 6.6kV to 220kV (Class :0.1 to 1) By Primary Injection method)	Terminal marking and polarity	IEC 61869-3 (Cl: 6.13.301): 2011 IEC 60044-2 (Cl: 9.1) (Withdrawn): 1997 IS 16227-3 (Cl: 6.13.301): 2015 IS 3156 Part 2 (Withdrawn)
454	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 6.6kV to 220kV Phase error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-3 (Cl 7.2.6, 7.3.5): 2011 IEC 60044-2 (Cl:12.2) (Withdrawn): 1997 IS 3156 (Part 2) (Withdrawn): 1992 IS 16227-3 (Cl: 7.2.6, 7.3.5)

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455	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 6.6kV to 220kV Ratio Error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 3156 (Part 2) (Withdrawn): 1992 IEC 61869-3 (Cl: 7.2.6, 7.3.5): 2011 IEC 60044-2 (Cl: 12.2) (Withdrawn): IS 16227-3 (Cl: 7.2.6, 7.3.5)
456	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests between sections	IEC 61869-3 (Cl: 7.3.3): 2011, IS 16227-3 (Cl: 7.3.3), IS 16227-3 (Cl: 7.3.3)
457	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer((Metering & Protection)(Range- 63.5V to 33kV,Accurace Class-0.1 to 1 & 3P to 6P)	Power-frequency voltage withstand tests on primary terminals	IS 16227-3 (Cl: 7.3.1): 2015 IEC 61869-3 (Cl: 7.3.1)
458	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (Metering & Protection)-Range- 63.5V to 33kV, Accuracy Class-0.1 to 1 & 3P to 6P	Power frequency dry withstand tests on primary windings	IS 3156-1,2,3&4 (Cl: 9.3) (Withdrawn)
459	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (Metering & Protection)-Range- 63.5V to 33kV, Accuracy Class-0.1 to 1 & 3P to 6P	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1 (Cl: 7.3.1): 2023, IS 16227-1 (Cl: 7.3.1)
460	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) By Secondary Injection method (Portable Instrument))	Terminal marking and polarity	IS 16227-1 (Cl: 7.3.6): 2016 IS 3156 Part 1 (Withdrawn): 1992 IEC 61869-1 (Cl: 7.3.7)
461	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV (Class :0.1 to 1) By Primary Injection method)	Terminal marking and polarity	IEC 61869-1 (Cl: 7.3.7): 2023 IS 3156 Part 1 (Cl: 8.2, 9.2) (Withdrawn): 1992 IEC 60044-2 (AMD 1: 2000, AMD 2: 2002) (Cl: 9.1) (Withdrawn): 1997 IEC 61869-3 (Cl: 6.13.301): 2011 IS 16227-3 (Cl: 6.13.301): 2015 IS 16227-1 (Cl: 7.3.6): 2016 IS 3156 Part 1 (Withdrawn): 1992 IS 3156 Part 2 (Cl: 7) (Withdrawn)

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462	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV Phase error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-1 (Cl: 7.2.6 & 7.3.6): 2023 IS 3156 Part 1 (Withdrawn): 1992 IS 16227-1 (CL: 7.2.6)
463	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Range : upto 220kV)	Measurement of Capacitance (at 12kV)	IS 16227 Part 1: 2016, IS 16227 Part 3: 2015, IS 16227 Part 4: 2015, IEC 61869 Part 1: 2023, IEC 61869 Part 3: 2011, IEC 61869 Part 4
464	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Range : upto 220kV)	Measurement of Tan Delta (at 12kV)	IEC 61869 Part 1: 2023, IEC 61869 Part 3: 2011, IEC 61869 Part 4: 2011, IS 16227 Part 1: 2016, IS 16227 Part 3: 2015, IS 16227 Part 4
465	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests on secondary terminals	IS 16227-1 (Cl: 7.3.4): 2016, IEC 61869-1 (Cl: 7.3.4)
466	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformers & Current Transformers	Insulation Resistance	Standard:THE INDIAN ELECTRICITY RULES, 1956 CHAPTER V sr no 48 1 (i) & 1(ii).: 1956 (Withdrawn)
467	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Clock uncertainty testing	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.6): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.11, 7.11)
468	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Cold test	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)

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469	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Voltage Events: Interruption of the Supply Voltage	IS 17036 (Cl: 4.3.1)
470	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Voltage Events: Supply Voltage Dips and Swells	IS 17036 (Cl: 4.3.2)
471	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Harmonic Voltages	IS 17036 (Cl: 4.2.5)
472	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Mains Signaling Voltages	IS 17036 (Cl: 4.2.7)
473	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Rapid Voltage Changes: Flicker severity	IS 17036 (Cl: 4.2.3.2)
474	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Frequency	IS 17036 (Cl: 4.2.1)
475	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Unbalance	IS 17036 (Cl: 4.2.4)
476	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Variations	IS 17036 (Cl: 4.2.2)
477	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Current recording	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.3): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.3)

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478	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Current unbalance	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.6): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.17, 7.17): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.17, 7.17)
479	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Damp heat	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
480	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Degree of protection by enclosure (IK code)	IEC 62586-1 (Cl: 8.6.3, 6.8.2): 2017 EN 62586-1 (Cl: 8.6.3, 6.8.2)
481	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Degree of protection by enclosure (IP code)	IEC 62586-1 (Cl: 8.6.4, 6.9): 2017 EN 62586-1 (Cl: 8.6.4, 6.9)
482	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Dry heat	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
483	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Emissions	IEC 62586-1 (Cl: 8.4.1, 6.6.1): 2017 EN 62586-1 (Cl: 8.4.1, 6.6.1)
484	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Fast transients	IEC 61000-4-30 (Amd 1: 2021) (Cl: 6 table 1): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 6 table 1)

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485	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flagging	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 IS 18475 (Cl: 4.3)
486	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flagging concept	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10)
487	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flicker	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.3): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.3): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.3, 7.3): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.3, 7.3): 2017 IS 18475 (Cl: 5.4): 2023
488	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Free fall tests	IEC 62586-1 (Cl: 8.6.1, 6.8.1 and table 16): 2017 EN 62586-1 (Cl: 8.6.1, 6.8.1 and table 16)

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489	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Harmonic currents	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.4): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.15, 7.15): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.15, 7.15): 2017 IS 18475 (Cl: 5.13)
490	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity- Damped oscillatory wave	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
491	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity- Voltage dips and voltage interruptions	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
492	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Conducted disturbances, induced by radio frequency fields	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
493	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Electrostatic discharge	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
494	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Fast transient /burst	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
495	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Power frequency magnetic field	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
496	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Radiated, radio frequency electromagnetic field	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
497	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Surge	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)

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498	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Interharmonic currents	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.5): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.5): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.16, 7.16): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.16, 7.16) IS 18475 (Cl: 5.14)
499	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Magnitude of current	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.2): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.2): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.14, 7.14): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.14, 7.14): 2017 IS 18475 (Cl: 5.11) 2023
500	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Magnitude of the supply voltage	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.2): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.2): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.2, 7.2): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.2, 7.2): 2017 IS 18475 (Cl: 5.2)

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501	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Mains signalling voltages on the supply voltage	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.10): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.10): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.8, 7.8): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.8, 7.8): 2017 IS 18475 (Cl: 5.8)
502	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Measurement of underdeviation and overdeviation parameters	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9)
503	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Power frequency	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.1): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.1): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.1, 7.1): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.1, 7.1): 2017 IS 18475 (Cl: 5.1): 2023
504	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: General	IS 18475 (Cl: 6.1)
505	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Measuring Equipment Connection	IS 18475 (Cl: 6.5)

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506	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Monitoring Locations	IS 18475 (Cl: 6.3)
507	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Monitoring Objectives	IS 18475 (Cl: 6.2.2)
508	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Power Quality Indices	IS 18475 (Cl: 6.2.1)
509	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Quantities to Measure	IS 18475 (Cl: 6.4)
510	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Statistical Applications	IS 18475 (Cl: 6.2)
511	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Rapid Voltage Change	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.11): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.11): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.13, 7.13): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.13, 7.13): 2017 IS 18475 (Cl: 5.3)
512	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Safety tests	IEC 62586-1 (Cl: 8.3): 2017 EN 62586-1 (Cl: 8.3)
513	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Salt mist	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
514	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Shock	IEC 62586-1 (Cl: 8.5 and table 16): 2017 EN 62586-1 (Cl: 8.5 and table 16)

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515	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Start-up requirements	IEC 62586-1 (Cl: 6.10): 2017 EN 62586-1 (Cl: 6.10)
516	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage dips and swells	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.10): 2023
517	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage interruption, dips and swells	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.10): 2023
518	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage unbalance	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.7): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.5, 7.5): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.5, 7.5)
519	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Temperature changes with specified variation speed	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)

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520	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Transient voltages	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.6)
521	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Underdeviation and overdeviation	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9)
522	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Variations due to external influence quantities	IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.12, 7.12): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.12, 7.12)
523	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Vibration	IEC 62586-1 (Cl: 8.5 and table 16): 2017 EN 62586-1 (Cl: 8.5 and table 16)
524	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage Harmonics	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.8): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.8): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.6, 7.6): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.6, 7.6): 2017 IS 18475 (Cl: 5.6)

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525	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage Interharmonics	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.9): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.9): 2015 EN / IEC 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.7, 7.7): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.7, 7.7): 2017 IS 18475 (Cl: 5.7)
526	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage interruption	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.5): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.5): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.9): 2023
527	ELECTRONICS- EMC TEST FACILITY	Adjustable speed electrical power drive systems	Harmonic Current Emission Test	IEC 61800-3
528	ELECTRONICS- EMC TEST FACILITY	Adjustable speed electrical power drive systems	Voltage Fluctuation & Flicker Test	EN 61800-3
529	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated disturbance measurements	CISPR 16-2-3:(AMD1:2019, AMD2:2023)

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530	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Conducted Emission measurements	CISPR 11: 2015, IEC 60601-1-2: 2014, IEC 60601-1-2 (Amd 1:2020): 2014, EN 60601-1-2: 2015, EN 60601-1-2 (Amd 1:2021): 2015, EN 55011: 2016, EN 55011 (Amd 1: 2016, Amd 2: 2021): 2021, IEC 61326-2-1: 2020, EN 61326-2-1 : 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3 : 2020, EN 61326-2-3: 2021, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, IS 17017 : Part 21 : Sec 1 : 2019, IS 17017 : Part 21 : Sec 2 : 2019, I
531	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Conducted Emission measurements	CISPR 32: 2015, EN 55032: 2015, FCC Part 15, 47 CFR 15.107

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532	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Conducted Emission measurements	EN 50121-1: 2017, EN 50121-4 (Amd 1: 2019): 2016, EN 50121-5 (Amd 1: 2019): 2017, EN 50155: 2021, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439-2 : 2020, EN 61439-2: 2021, IEC 61439-3: 2012, EN 61439-3: 2012, IEC 61439-4: 2012, EN 61439-4: 2013, IEC 61439-5: 2023, EN 61439-5 (AC: 2017) : 2015, IEC 61439-6: 2012, EN 61439-6: 2013, IEC 61439-7: 2022, EN 61439-7: 2020, IEC 60571: 2012, EN 60571: 2012, IEC 61643-11: 2011, EN 61643-11:2012+A11:2018: 2012,

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533	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Conducted Emission measurements	ETSI EN 301 489-34 V2.1.1: 2019, ETSI EN 301 489-52 V1.2.1: 2021, ETSI EN 300 386 V2.2.1: 2022, ETSI EN 301 489-1 V2.2.3: 2019, ETSI EN 301 489-3 V2.1.2: 2021, ETSI EN 301 489-17 V3.2.4: 2020, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 60669-2-1: 2021, EN 60669-2-1 (Amd: 11:2022): 2021, IEC 60730-1: 2016, EN 60730-1: 2016, EN 60730-1 (Amd 1: 2019 ,Amd 2: 2022): 2016, IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd 1: 2018, Amd 2: 2022): 2010, EN 60730-2-
534	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Damped Oscillatory Wave Immunity test	IEC 61000-4-18
535	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Effect of Voltage Dips and Short Interruptions	IEC 61000-4-11 (Withdrawn)
536	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Electrical Fast Transient Burst	EN 61851-21-1: 2017, IEC 61851-21-2: 2018, EN 61851-21-2: 2021, IS 14700 (Part 4/Sec 4): 2018, IEC 61000-6-2 (Cl: 8)(Table-1, Table-2, Table-3, Table-4): 2016, IEC 61000-6-1 (Cl: 8 (Table-1, Table-2, Table-3, Table-4)

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537	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Electrical Fast Transient Burst	IEC 61000-4-4: 2012, IEC 61547: 2020, EN 61547: 2009, AIS-138 (Part 1): 2017, AIS-138 (Part 2): 2018, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2021, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, IEC 60601-1-2 (Amd 1: 2020): 2014, EN 60601-1-2 (Amd 1: 2021): 2015, IEC 60669-2-1: 2021, EN 60669-2-1 (Amd 11: 2022): 2022, IEC 60730-1: 2022, EN 60730-

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538	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Electrical Fast Transient Burst	IEC 61800-3: 2022, EN 61800-3: 2018, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 60571: 2012, EN 60571: 2012, EN 50121-1: 2017, EN 50121-4 (Amd1: 2019) : 2016, EN 50121-5 (Amd1: 2019): 2017, IEC 60601-1-11 (Amd1: 2020): 2015, EN 60601-1-11 (Amd1: 2021): 2015, IEC 60601-1-12 (Amd1: 2020): 2014, EN 60601-1-12 (Amd1: 2020): 2015, IEC 60601-2-2 (Amd1: 2023): 2017, EN 60601-2-2: 2018, IEC 60601-2-3 (Amd1: 2016, Amd2: 2022): 2012, EN 60601-2-3 (Amd1: 2016): 2015, IEC 620

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539	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Electrical Fast Transient Burst	IS 16242 PART 2: 2020, ETSI EN 301 489-1 V2.2.3: 2019, ETSI EN 301 489-3 V2.1.2: 2021, ETSI EN 301 489-17 V3.2.4: 2020, ETSI EN 301 489-34 V2.1.1: 2019, ETSI EN 301 489-52 V1.2.1: 2021, IEC 60870-2-1: 1995, EN 60870-2-1: 2001, EN 50155: 2021, ETSI EN 300 386 V2.2.1: 2022, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439-2: 2020, EN 61439-2: 2021, IEC 61439-3: 2012, EN 61439-3 : 2012, IEC 61439-4: 2012, EN 61439-4: 2013, I
540	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Emission requirements (radiated Emission)	IEC 61000-6-4 (Cl.7, Cl.8, Cl.9 , Table-1): 2018, IEC 61000-6-3 (Cl.8, Cl.9, Cl.10, Cl.11 ,Table-1): 2020, IEC 61000-6-4 (AMD1:2010) (Table-1) (Withdrawn)
541	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Harmonic Current Emission Test	IEC 61000-6-3: 2020, EN 61000-6-3
542	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements (Radio-frequency common mode)	IEC 61000-6-1 (Cl. 8) (Table-1, Table-2,Table-3, Table-4): 2016, IEC 61000-6-2 (Cl. 8) (Table-1, Table-2,Table-3, Table-4)

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543	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements (Voltage dip, short interruptions)	IEC 61000-6-1 (Cl. 8) (Table-1, Table-2,Table-3, Table-4): 2016, IEC 61000-6-2 (Cl. 8) (Table-1, Table-2,Table-3, Table-4)
544	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements: (Electromagnetic field)	IEC 61000-6-1 (Cl. 8) (Table-1, Table-2,Table-3, Table-4)
545	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements: (Electrostatic discharge)	IEC 61000-6-2: 2016, (Cl. 8 Table-1, Table-2,Table-3, Table-4)
546	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements: (ESD)	IEC 61000-6-1: 2016, (Cl. 8 Table-1, Table-2,Table-3, Table-4)
547	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements: (Radio-frequency electromagnetic field)	IEC 61000-6-2 (Cl. 8) (Table-1, Table-2,Table-3, Table-4)
548	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity test requirements: (Surges)	IEC 61000-6-1 (Table-1, Table-2,Table-3, Table-4) (Cl. 8): 2016, IEC 61000-6-2 (Table-1, Table-2,Table-3, Table-4) (Cl. 8)
549	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using Anechoic Chamber	EN 60730-2-9 (Amd1 + Amd2: 2020): 2019, IEC 61643-11: 2011, EN 61643-11 (Amd11: 2018)

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550	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 61000-4-3 (Amd1: 2007 , Amd2: 2010) (Withdrawn): 2006, IEC 61131-2: 2017, EN 61131-2: 2017, ETSI EN 301 489-1 V2.2.3: 2019, ETSI EN 301 489-3 V2.1.2: 2021, ETSI EN 301 489-17 V3.2.4: 2020, ETSI EN 301 489-34 V2.1.1: 2019, ETSI EN 301 489-52 V1.2.1: 2021, IEC 60870-2-1: 1995, EN 60870-2-1: 2001, AIS-138 : Part 1: 2017, AIS-138 : Part : 2018, IEC 60947-6-1: 2021, EN 60947-6-1 (Amd1: 2014) : 2005, EN 50155: 2021, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439
551	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 61000-4-3 (Amd1: 2007, Amd2: 2010) (Withdrawn): 2006, IEC 61131-2: 2017, EN 61131-2

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552	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 61439-7: 2022, EN 61439-7: 2020, IEC 61058-1: 2016, EN 61058-1: 2018, EN 50121-1: 2017, EN 50121-4 (Amd1: 2019) : 2016, EN 50121-5 (Amd1: 2019): 2017, IEC 60571: 2012, EN 60571: 2012, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2021, IEC 61326-2-4 : 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, IEC 61800-3: 2022, EN 61800-3: 2018, IEC 61851-21-1: 2017, EN

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553	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using Anechoic Chamber	IS 16242 : Part 2: 2020, IEC 60601-1-11 (Amd1: 2020) : 2015, EN 60601-1-11 (Amd1: 2021): 2015, IEC 60601-1-12 (Amd1: 2020) : 2014, EN 60601-1-12 (Amd1: 2020): 2015, IEC 60601-2-2 (Amd1: 2023) : 2017, EN 60601-2-2 : 2018, IEC 60601-2-3 (Amd1: 2016 , Amd2: 2022) : 2012, EN 60601-2-3 (Amd1: 2016): 2015, IEC 62040-3: 2021, EN 62040-3: 2021, IEC 62040-2 : 2016, EN 62040-2: 2018, ETSI EN 300 386 V2.2.1: 2022, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 61547: 2020, EN 6
554	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Field using GTEM Cell	IEC 61000-4-20
555	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electromagnetic HF Fields	IS 14700 part 4 : Sec 3
556	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electrostatic Discharge (ESD)	IS 14700 part 4 sec 2
557	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Immunity to Electrostatic Discharges	IEC 61000-4-2

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558	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated Emission measurements	IEC 60601-1-2(Amd1:2020) : 2014, EN 60601-1-2(Amd1: 2021): 2015, EN 55011 (Amd2:2021): 2016, IEC 60669-2-1 : 2021, EN 60669-2-1 (A11:2022): 2022, "IEC 60730-1:2022: 2022, EN 60730-1:2016+A1+A2:2022, : 2016, IEC 60730-2-7: 2015, : 2015, EN 60730-2-7: 2020, : 2020, IEC 60730-2-9 (Amd1:2018, Amd2:2020) : 2015, EN 60730-2-9 (Amd1:2019, Amd2:2020): 2019, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3

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559	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated Emission measurements	IEC 60870-2-1: 1995, EN 60870-2-1: 2001, ETSI EN 300 386 V2.2.1: 2022, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 60601-1-11 (A1:2020) : 2015, EN 60601-1-11 (A1:2021): 2015, IEC 60601-1-12 (A1:2020): 2014, EN 60601-1-12 (A1:2020): 2015, IEC 60601-2-2:2017 (A1:2023) : 2017, EN 60601-2-2:2018: 2018, IEC 60601-2-3 (A1:2016+A2:2022) : 2012, EN 60601-2-3 (A1:2016): 2015, IEC 61800-3: 2022, EN 61800-3: 2018, IEC 61851-21-1: 2017, EN 61851-21-1 : 2017, IEC 61851-21-2 : 2

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560	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated Emission measurements	IS 16242 PART 2: 2020, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 61643-11: 2011, EN 61643-11 (A11:2018): 2012, EN 50155: 2021, IEC 61439-1: 2020, EN 61439-1 : 2021, IEC 61439-2: 2020, EN 61439-2: 2021, IEC 61439-3 : 2012, EN 61439-3 : 2012, IEC 61439-4: 2012, EN 61439-4 : 2013, IEC 61439-5: 2023, EN 61439-5 (AC:2017) : 2015, IEC 61439-6 : 2012, EN 61439-6: 2013, IEC 61439-7: 2022, EN 61439-7: 2020, IEC 60947-6-1: 2021, EN 60947-6-1 (A1:2014): 2005, IEC
561	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated fields in close proximity - Immunity test	IEC 61000-4-39: 2017, EN 61000-4-39
562	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radiated, radio-frequency, electromagnetic field immunity test	IEC 61000-4-3
563	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radio Interference Measurement (Radiated Emission)	CISPR 32: 2015, CISPR 32 (AMD1: 2019): 2015, CISPR 11 (AMD1:2016, AMD2:2019): 2015, FCC Part 15, 47 CFR 15.109: 2015, CISPR11 (AMD1: 2010) (Withdrawn): 2009, CISPR 16-2-2
564	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radio Interference Measurement (Conducted emission)	IS 6873 (Part 2/sec2)

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565	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Radio Interference Measurement (Radiated emission)	IS 6873 (Part 2/sec2)
566	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Ring Waves Immunity Test (On power port)	IEC 61000-4-12
567	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Surge Immunity Test	IEC 61000-4-5 (Amd 1:2017) : 2017, IEC 61000-4-5
568	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Surge Immunity Test	IS 14700 (Part 4) (sec 5)
569	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields	IEC 60601-2-2 (Amd 1: 2023) : 2017, EN 60601-2-2: 2018, IEC 60601-2-3 (Amd 1: 2016): 2012, EN 60601-2-3 (Amd 1: 2016): 2015, CISPR 16-2-1 (COR1:2020)
570	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields	IEC 61000-4-6: 2013, IEC 61643-11: 2011, EN 61643-11 (Amd 1: 2018): 2012, EN 50155: 2021, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439-2 : 2020, EN 61439-2: 2021, IEC 61439-3: 2012, EN 61439-3: 2012, IEC 61439-4: 2012, EN 61439-4: 2013, IEC 61439-5: 2023, EN 61439-5 (AC: 2017) : 2015, IEC 61439-6: 2012, EN 61439-6: 2013, IEC 61439-7: 2022, EN 61439-7: 2020, IEC 60947-6-1 : 2021, EN 60947-6-1 (Amd 1: 2014): 2005, IEC 61058-1: 2016, EN 61058-1: 2018, E

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571	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields	IEC 61851-21-2: 2018, EN 61851-21-2: 2021, IS 17017 : Part 21 : Sec 1 : 2019, IS 17017 : Part 21 : Sec 2 : 2019, IEC 61547 : 2020, EN 61547: 2009, IEC 60601-1-2 (Amd1: 2020) : 2014, EN 60601-1-2 (Amd1: 2021): 2015, AIS-138 (Part 1) : 2017, AIS-138 (Part 2): 2018, ETSI EN 301 489-34 V2.1.1: 2019, ETSI EN 301 489-52 V1.2.1: 2021, ETSI EN 300 386 V2.2.1: 2022, ETSI EN 301 489-1 V2.2.3: 2019, ETSI EN 301 489-3 V2.1.2: 2021, ETSI EN 301 489-17 V3.2.4: 2020, IEC 60870-

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572	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronic equipment/product	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields	IEC 62040-2: 2016, EN 62040-2: 2018, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 60669-2-1: 2021, EN 60669-2-1 (Amd 11:2022): 2021, IEC 60730-1: 2016, EN 60730-1: 2016, EN 60730-1 (Amd 1: 2019 ,Amd 2: 2022): 2016, IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd 1: 2018, Amd 2: 2022): 2010, EN 60730-2-9 (Amd 1: 2019 , Amd 2: 2020): 2010, IEC 61326-2-1: 2020, EN 61326-2-1 : 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3 : 2020, EN 61326-2-
573	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronics equipment/product	Power frequency magnetic fields	EN 60870-2-1: 2001, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 60601-1-11 (Amd1: 2020): 2015, EN 60601-1-11 (Amd1: 2021): 2015, IEC 60601-1-12 (Amd1: 2020): 2014, EN 60601-1-12 (Amd1: 2020): 2015, IEC 61000-6-1 (Cl: 8) (Table-1, Table-2, Table-3, Table-4) : 2016, IEC 61000-6-2 (Cl: 8) (Table-1, Table-2, Table-3, Table-4)

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574	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronics equipment/product	Power frequency magnetic fields	EN 61439-3: 2012, IEC 61439-4: 2012, EN 61439-4: 2013, IEC 61439-5: 2023, EN 61439-5 (AC: 2017): 2015, IEC 61439-6: 2012, EN 61439-6: 2013, IEC 61439-7: 2022, EN 61439-7: 2020, EN 17526: 2021, IEC 61058-1: 2016, EN 61058-1: 2018, EN 50121-1: 2017, EN 50121-4 (Amd1: 2019): 2016, EN 50121-5 (Amd1: 2019): 2017, EN 50155: 2021, IEC 62040-2: 2016, EN 62040-2: 2018, IEC 61131-2: 2017, EN 61131-2: 2017, IS 16242 PART 2: 2020, ETSI EN 301 489-1 V2.2.3: 2019, E

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575	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronics equipment/product	Power frequency magnetic fields	IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd1: 2018, Amd2: 2020): 2015, EN 60730-2-9 (Amd1 + Amd2: 2020): 2019, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2021, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, IEC 61800-3: 2022, EN 61800-3: 2018, IEC 61851-21-1: 2017, EN 61851-21-1: 2017, IEC 61851-21-2: 2018, EN 61851-21-2: 2021, IEC 6

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
576	ELECTRONICS- EMC TEST FACILITY	All Electrical & Electronics equipment/product	Power frequency magnetic fields	IEC 61000-4-8: 2009, IEC 60601-2-2 (Amd1: 2023): 2017, EN 60601-2-2: 2018, IEC 60601-2-3 (Amd1: 2016, Amd2: 2022): 2012, EN 60601-2-3 (Amd1: 2016): 2015, IEC 62040-3: 2021, EN 62040-3:2021: 2021, IEC 61547 : 2020, EN 61547: 2009, IEC 60601-1-2 (Amd1: 2020) : 2014, EN 60601-1-2 (Amd1: 2021): 2015, IEC 61643-11: 2011, EN 61643-11 (Amd11: 2018): 2018, IEC 61851-21-1: 2017, EN 61851-21-1: 2017, IEC 61851-21-2: 2018, EN 61851-21-2: 2021, IS 17017 (Part 21: Sec 1): 20
577	ELECTRONICS- EMC TEST FACILITY	Ancillary equipment	Radiated Emission on Enclosure port	ETSI EN 301 489-1 V2.2.3 (CL:8.2)
578	ELECTRONICS- EMC TEST FACILITY	Any electrical & Electronics Products	Harmonic Current Emission Test	IEC 61000-3-2 (Ed 5) (Amd 1 : 2020)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
579	ELECTRONICS- EMC TEST FACILITY	Any electrical & Electronics Products	Harmonic Current Emission Test	IEC 61326-2-1: 2020, EN 61326-2-1: 2021, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2020, IEC 61326-2-2: 2020, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, IEC 60669-2-1: 2021, ETSI EN 301 489-17 V3.2.4: 2020, AIS-138 (Part 1): 2017, AIS-138 (Part 2): 2018, ETSI EN 301 489-52 V1.2.1: 2021, IEC 61000-3-2 (Ed 5)(Amd 1:2020): 2018, IS 14700 (Part 3) (Sec 2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
580	ELECTRONICS- EMC TEST FACILITY	Any electrical & Electronics Products	Voltage Fluctuation & Flicker Test	IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2021, IEC 61326-2-4: 2020, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, EN 61326-2-4: 2021, EN 60669-2-1 (Amd11: 2022): 2022, AIS-138 (Part 1): 2017, AIS-138 (Part 2): 2018, ETSI EN 301 489-52 V1.2.1: 2021, ETSI EN 301 489-17 V3.2.4: 2020, IEC 61000-3-3 (Ed 3.2)(Amd1: 2017, Amd2: 2021): 2013, EN 61000-3-3 (Amd1: 2017, Amd2: 2021): 2013, IS 14700 (Par
581	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Damped Oscillatory Wave Immunity test	IEC 61131-2: 2017, EN 61131-2: 2017, EN 50121-5 (Amd1: 2019): 2017, IEC 61131-2: 2017, EN 61131-2
582	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Effect of Voltage Dips and Short Interruptions	EN 60870-2-1: 2001, ETSI EN 300 386 V2.2.1

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583	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Effect of Voltage Dips and Short Interruptions	EN 61439-4: 2013, IEC 61439-5: 2023, EN 61439-5 (AC: 2017): 2015, IEC 61439-6: 2012, EN 61439-6 : 2013, IEC 61439-7: 2022, EN 61439-7: 2020, IEC 60601-2-2 (Amd1: 2023): 2017, EN 60601-2-2: 2018, IEC 60601-2-3 (Amd1: 2016) (Amd2: 2022): 2012, EN 60601-2-3 (Amd1: 2016): 2015, IEC 62040-3: 2021, EN 62040-3: 2021, IEC 60571: 2012, EN 60571: 2012, IEC 61643-11 : 2011, EN 61643-11 (Amd11: 2018): 2012, IEC 60947-6-1: 2021, EN 60947-6-1 (Amd1: 2014): 2005, IEC 60601

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584	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Effect of Voltage Dips and Short Interruptions	IEC 60730-1: 2022, EN 60730-1 (Amd1: 2019) (Amd2: 2022) : 2016, IEC 60730-2-7: 2015, EN 60730-2-7 : 2020, IEC 60730-2-9 (Amd1: 2018) (Amd2: 2020) : 2015, EN 60730-2-9 (Amd1: 2019) (Amd2: 2020): 2019, IEC 61326-2-1 : 2020, EN 61326-2-1: 2021, IEC 61326-2-2 : 2020, EN 61326-2-2 : 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 2021, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2-5: 2021, EN 50121-1: 2017, EN 50121-4 (Amd1: 2019) : 2016, EN 501

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585	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Effect of Voltage Dips and Short Interruptions	IEC 62040-2: 2016, EN 62040-2: 2018, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 61851-21-1: 2017, EN 61851-21-1: 2017, IEC 61851-21-2: 2018, EN 61851-21-2: 2021, IS 17017 Part 21 Sec 1: 2019, IS 17017 Part 21 Sec 2: 2019, IS 16242 PART 2: 2020, ETSI EN 301 489-1 V2.2.3: 2019, ETSI EN 301 489-3 V2.1.2: 2021, ETSI EN 301 489-17 V3.2.4: 2020, ETSI EN 301 489-34 V2.1.1: 2019, ETSI EN 301 489-52 V1.2.1: 2021, AIS-138 (Part 1): 2017, AIS-138 (Part 2): 2018, IEC 61547:
586	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Electrostatic Discharge	EN 60601-2-3 (Amd1: 2016): 2015, EN 60601-2-3 (Amd1: 2016)

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587	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Electrostatic Discharge	EN 60870-2-1: 2001, ETSI EN 300 386 V2.2.1: 2022, IEC 61204-3: 2016, EN 61204-3: 2018, IEC 60601-1-2 (Amd1: 2020): 2014, EN 60601-1-2 (Amd1: 2021): 2015, IEC 60730-1: 2022, EN 60730-1 (Amd1: 2019, Amd2: 2022): 2016, IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd1: 2018, Amd2: 2020): 2015, EN 60730-2-9 (Amd1:2019, Amd2: 2020): 2019, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, EN 61326-2-3: 20

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588	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Electrostatic Discharge	IEC 60601-1-11 (Amd1: 2020): 2015, EN 60601-1-11 (Amd1: 2021): 2015, IEC 60601-1-12 (Amd1: 2020): 2014, EN 60601-1-12 (Amd1: 2020): 2015, IEC 62040-3: 2021, EN 62040-3: 2021, EN 50155: 2021, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439-2: 2020, EN 61439-2: 2021, IEC 61439-3: 2012, EN 61439-3: 2012, IEC 61439-4: 2012, EN 61439-4: 2013, IEC 61439-5: 2023, EN 61439-5 (AC: 2017): 2015, IEC 61439-6: 2012, EN 61439-6: 2013, IEC 61439-7: 2022, EN 61439-7: 2020,

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589	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Electrostatic Discharge	IS 16242 PART 2: 2020, IEC 62040-2: 2016, EN 62040-2: 2018, IS 17017 : Part 21 : Sec 1: 2019, IS 17017 : Part 21 : Sec 2: 2019, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 60947-6-1: 2021, EN 60947-6-1 (Amd1: 2014): 2005, IEC 61058-1: 2016, EN 61058-1: 2018, EN 50121-1: 2017, EN 50121-4 (Amd1: 2019): 2016, EN 50121-5 (Amd1: 2019): 2017, IEC 60571: 2012, EN 60571: 2012, IEC 61643-11: 2011, EN 61643-11 (Amd11: 2018): 2012, "IEC 61851-21-1: 2017, EN 61851-21-1: 2
590	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Impulse Magnetic field immunity test	IEC 61000-4-9: 2016 : 2016, EN 61000-4-9: 2016 : 2016, IS 14700 : Part 4 : Sec 9 : : 2019, EN 17526,
591	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Proximity fields from RF wireless communications equipment	IEC 60601-1-2 (Amd1:2020): 2014, EN 60601-1-2 (Amd1: 2021)
592	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Radio frequency electromagnetic field	EN 17526,

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593	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Surge Immunity	AIS-138 (Part 1): 2017, AIS-138 (Part 2): 2018, IEC 61547: 2020, EN 61547: 2009, IEC 60601-1-2 (Amd 1:2020): 2020, EN 60601-1-2 (Amd 1:2021): 2021, IEC 60669-2-1 : 2021, EN 60669-2-1 (Amd 1:2022): 2022, IEC 60601-2-2 (Amd 1:2023): 2023, EN 60601-2-2: 2018, IEC 60601-2-3 (Amd 1:2016), (Amd 2:2022): 2022, EN 60601-2-3 (Amd 1:2016): 2016, IEC 62040-3: 2021, EN 62040-3: 2021, IEC 60601-1-11 (Amd 1:2020): 2020, EN 60601-1-11 (Amd 1:2021): 2021, IEC 60601-1-12 (Amd 1:20

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594	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Surge Immunity	IEC 61058-1: 2016, EN 61058-1: 2018, EN 50121-1: 2017, EN 50121-4 (Amd 1:2019): 2019, EN 50121-5 (Amd 1:2019): 2019, IEC 60870-2-1: 1995, EN 60870-2-1: 2001, ETSI EN 300 386 V2.2.1: 2022, IEC 61204-3: 2016, EN 61204-3: 2018, EN 50155: 2021, IS 17017 : (Part 21) : (Sec 1) : 2019, IS 17017 : (Part 21) : (Sec 2) : 2019, IS 16242 (PART 2): 2020, IEC 61439-1: 2020, EN 61439-1: 2021, IEC 61439-2: 2020, EN 61439-2: 2021, IEC 61439-3: 2012, EN 61439-3: 2012, IEC 6

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595	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Surge Immunity	IEC 61439-7: 2022, IEC 62040-2: 2016, EN 62040-2: 2018, IEC 61131-2: 2017, EN 61131-2: 2017, IEC 60730-1: 2022, EN 60730-1 (Amd 1:2019, Amd 2:2022): 2022, IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd 1:2018, Amd 2:2020): 2020, EN 60730-2-9 (Amd 1:2018, Amd 2:2020): 2020, IEC 61326-2-1: 2020, EN 61326-2-1: 2021, IEC 61326-2-2: 2020, EN 61326-2-2: 2021, IEC 61326-2-3: 2020, IEC 61326-2-4: 2020, EN 61326-2-4: 2021, IEC 61326-2-5: 2020, EN 61326-2
596	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	IEC 61000-4-11: 2020, EN 61000-4-11 (AC: 2022): 2020, IEC 61000-4-11 (Amd1: 2017): 2004, EN 61000-4-11 (Amd1: 2017): 2004, IS 14700 Part 4 Section 11
597	ELECTRONICS- EMC TEST FACILITY	Any Electrical / Electronic Product	Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests-up to 21A	IEC 61000-4-29
598	ELECTRONICS- EMC TEST FACILITY	Arc welding equipment	Harmonic Current Emission Test	IEC 60974-10: 2020, EN 60974-10
599	ELECTRONICS- EMC TEST FACILITY	Arc welding equipment	Voltage Fluctuation & Flicker Test	IEC 60974-10: 2020, EN 60974-10

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600	ELECTRONICS- EMC TEST FACILITY	Assemblies for construction sites	Radiated Emission measurements (Harmonic current)	IEC 61439-4: 2012, EN 61439-4: 2013, EN 61439-5 (A1: 2017): 2015, EN 61439-5: 2023, IEC 61439-5: 2023, IEC 61439-5: 2015, EN 61439-6: 2013, IEC 61439-6: 2012, EN 61439-3 (AC: 2019): 2012, IEC 61439-3
601	ELECTRONICS- EMC TEST FACILITY	Automatic electrical controls for household and similar use	Harmonic Current Emission Test	EN 60730-1 (Amd 1:2018, Amd 2:2022): 2016, IEC 60730-1
602	ELECTRONICS- EMC TEST FACILITY	Automatic electrical controls for household and similar use	Voltage Fluctuation & Flicker Test	EN 60730-1 (Amd1+Amd2: 2022): 2016, IEC 60730-1
603	ELECTRONICS- EMC TEST FACILITY	Circuit-breakers for a.c. operation	Harmonic Current Emission Test	EN 60898-1
604	ELECTRONICS- EMC TEST FACILITY	Circuit-breakers for a.c. operation	Voltage Fluctuation & Flicker Test	EN 60898-1: 2019, IEC 60898-1 (Amd1: 2019)
605	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Conducted Emission measurements (AC input/output Power ports, DC input/output Power ports, wired network port)	ETSI EN 301 489-17 V3.1.1 (CL:7.1)
606	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Electrostatic Discharge	ETSI EN 301 489-17 V3.1.1 (CL:7.2)
607	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Fast transients, common mode	ETSI EN 301 489-17 V3.1.1 (CL: 7.2) :
608	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Radiated Emission on Enclosure port	ETSI EN 301 489-17 V3.1.1 (CL:7.1)
609	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Radio frequency electromagnetic field (80 MHz to 6 000 MHz)	ETSI EN 301 489-17 V3.1.1 (CL:7.2)

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610	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Radio frequency, common mode	ETSI EN 301 489-17 V3.1.1 (2017-02) (CL:7.2)
611	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Surges	ETSI EN 301 489-17 V3.1.1 (CL:7.2)
612	ELECTRONICS- EMC TEST FACILITY	Data transmission systems operating in the 2.4 GHz ISM band and using wide band modulation techniques	Voltage dips and interruptions	ETSI EN 301-489-17 V2.2.1 (CL: 7.2)
613	ELECTRONICS- EMC TEST FACILITY	Electric vehicle off-board charger	Voltage Fluctuation & Flicker Test	EN 61851-21-2: 2021, IS 17017 (Part 21 : Sec 2): 2019, EN 61851-21-1: 2017, IS 17017 (Part 21 : Sec 1)
614	ELECTRONICS- EMC TEST FACILITY	Electric vehicle off-board charger & on borrd charger	Harmonic Current Emission Test	IS 17017 (Part 21) (Sec 2): 2019, IEC 61851-21-2: 2018, IS 17017 (Part 21) (Sec 1): 2019, IEC 61851-21-1
615	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics	Dielectric tests with alternating voltage (AC Voltage)	IEC 60060-1 : 2010, EN 60060-1 : 2010, IS 2071 : Part-1
616	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics	Dielectric tests with impulse voltage	IEC 60060-1: 2010, EN 60060-1: 2010, IS 2071 : Part-1 : 2016,
617	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics	Harmonic Current Emission Test	IEC 61000-3-2 (Amd 1:2020, Amd 2: 2024): 2018, IEC 61000-3-2 (Amd 1:2008, Amd 2: 2009): 2008, EN 61000-3-2 (Amd 1: 2021)
618	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronics	Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests	EN 61000-4-29: 2002, IEC 61000-4-29

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619	ELECTRONICS- EMC TEST FACILITY	Electrical - Power Supplies & stabilizer, Power Quality Measurement and Monitoring equipments	POWER QUALITY MEASUREMENTS METHODS: Flicker	IS 18475 (Cl: 5.4)
620	ELECTRONICS- EMC TEST FACILITY	Electrical - Power Supplies & stabilizer, Power Quality Measurement and Monitoring equipments	POWER QUALITY MEASUREMENTS METHODS: Harmonic Current	IS 18475 (Cl: 5.13) : 2023, IS 18475 (Cl: 5.14): 2023, IS 18475 (Cl: 5.6)
621	ELECTRONICS- EMC TEST FACILITY	Electrical - Power Supplies & stabilizer, Power Quality Measurement and Monitoring equipments	POWER QUALITY MEASUREMENTS METHODS: Interharmonic Voltages	IS 18475 (Cl: 5.7)
622	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Electrical Fast Transient Burst	IEC 61000-4-4: 2012, EN 61000-6-2 (Withdrawn): 2006, EN 61000-6-2: 2019, CISPR 14-2 (Withdrawn): 2015, EN 55014-2 (Withdrawn): 2015, IEC 61000-4-4 (Amd1 :2010) (Withdrawn): 2004, BS EN 55024 (Amd2: 2003) (Cl. 4.2.2: 2010) (Withdrawn): 1998, IEC 61326-1 (Cl.6.2 Table-1, Table-2,Table-3) (Withdrawn): 2012, EN 61000-4-4: 2013, EN 61326-1 (Cl.6.2 Table-1, Table-2,Table-3) (Withdrawn): 2013, IS 14700 (part4/Sec4) (Withdrawn): 2008, IEC 61326-1 (Cl.6, Cl.6.2 (Table-1, Table-2,Ta

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623	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 61326 -1 (Cl.6.2) (Table-1, Table-2,Table-3) (Withdrawn): 2012, EN 61326-1 (Cl.6.2) (Table-1, Table-2,Table-3) (Withdrawn): 2013, EN 61000-6-2: 2005, EN 61000-6-2: 2019, CISPR 14-2 (Withdrawn): 2015, CISPR 24 (Cl.4.2.3.2) (Amd1: 2015) (Withdrawn): 2010, EN 55014-2 (Withdrawn): 2015, EN 61000-6-1 (Withdrawn): 2007, BS EN 55024 (Cl. 4.2.3.2) (Withdrawn): 2010, BS EN 55024 (Cl. 4.2.3.2) (Amd2: 2003) (Withdrawn): 1998, IS14700 : Part4 : Sec3 : 2008, IEC 61000-4-3 (Amd1: 2
624	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Immunity to Electromagnetic HF Field using GTEM Cell	IEC 61000-4-3 (Withdrawn)

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625	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Immunity to Electrostatic Discharges	IEC 61000-4-2: 2008, BS EN 55024 (Withdrawn): 2010, EN 61000-4-2: 2009, IEC 61326-1 (Cl.6.2 Table-1, Table-2, Table-3) (Withdrawn): 2005, EN 55014-2 (Withdrawn): 2015, CISPR 14-2 (Withdrawn): 2015, EN 61000-6-2 (Withdrawn): 2005, EN 61000-6-2: 2019, EN 61326-1 (Cl.6.2 Table-1, Table-2,Table-3) (Withdrawn): 2013, IEC 61326–1 (Cl.6.2 Table-1, Table-2,Table-3) (Withdrawn): 2012, IEC 61326-1 (Cl.6, Cl.6.2 (Table-1, Table-2,Table-3): 2020, EN IEC 61326-1(Cl.6, Cl.6.2 (Table-1, T
626	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Surge Immunity Power ports, Telecomm port	IEC 61000-4-5: 2014, IEC61326 – 1 (Cl.6.2 Table-1, Table-2,Table-3): 2012, EN 55014-2: 2015, CISPR 24 (Amd 1:2015) (Cl.4.2.5): 2015, CISPR 14-2: 2015, EN 61326 -1 (Cl.6.2 Table-1, Table-2,Table-3): 2013, EN 61000-4-5: 2014, ETSI EN 301 489-1 V2.2.3 (CL:9.8)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
627	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers Equipment for household	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields (CDN, ISN, EM Clamp method - Power/ Telecom Ports)	EN 55014-2 (Withdrawn): 2015, IEC 61326-1 (Cl.6.2)(Withdrawn): 2012, IEC 61000-4-6 (Withdrawn): 2008, IS 12784 (Part 1)(Withdrawn): 1989, IEC 61000-6-2 (Withdrawn) : 2005, EN 61000-6-2 (Withdrawn): 2019, EN 61326-1 (Cl.6.2)(Withdrawn): 2013, EN 61000-4-6 : 2014, CISPR 24 (Amd 1: 2015) (Cl. 4.2.2.3)(Withdrawn): 2010, CISPR 14-2 (Withdrawn): 2015, IEC 61000-4-6 (Withdrawn): 2013, IEC 61326-1 (Cl.6, Cl.6.2 (Table-1, Table-2,Table-3): 2020, EN IEC 61326-1(Cl.6, Cl.6.2 (Table-
628	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipments, Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment Equipment for household	Immunity to Electromagnetic HF Field using GTEM Cell	IEC 61326-1 (Cl.6.2) (Table-1 , Table-2 ,Table-3) (Withdrawn): 2005, IS14700 : Part4 : Sec3: 2008, IEC 61000-6-2 (Cl.8) (Table-1) (Withdrawn): 2005, IEC 61000-6-1 (Cl.8) (Table-1) (Withdrawn)

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629	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Equipments, Electrical Measuring Transducers, Electrical and Electronic (Static) Energy meters, Tariff and load control equipment, Automatic electrical control for Household and similar use.	Voltage Dips & Interruptions	EN55014-2: 2015, EN 61000-6-2 (Withdrawn): 2005, EN 61000-6-2: 2019, EN 61000-4-11 (Withdrawn): 2004, IEC 61000-4-11 (Withdrawn): 2004, EN 55014-2 (Amd2: 2008) (Cl. 5.7) (Withdrawn): 1997, IEC 61000-6-2 (Cl.8 Table-4) (Withdrawn): 2005, EN 61326-1 (Cl.6.2 Table-1, Table-2,Table-3) (Withdrawn): 2013, IEC 61000-6-1 (Cl.8 Table-4) (Withdrawn): 2005, BS EN 55024 (Cl.4.2.6): 2010, CISPR 24 (Cl.4.2.6) (Withdrawn): 2010, CISPR 14-2 (Withdrawn): 2015, IEC 61326-1 (Cl.6.2 Table-1,
630	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Product	Harmonic Current Emission Test	ETSI EN 301 489-1 V2.2.3: 2019, IEC 61000-6-8: 2020, IEC 61326-1: 2020: 2020, EN IEC 61326-1 (Cl.7.2)
631	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Product in commercial and light-industrial locations	Voltage Fluctuation & Flicker Test	EN 61000-6-8
632	ELECTRONICS- EMC TEST FACILITY	Electrical / Electronic Product in residential environments	Voltage Fluctuation & Flicker Test	IEC 61000-6-3: 2020, EN 61000-6-3: 2021, EN 61000-6-3
633	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Damped Oscillatory Waves Immunity Test (On power port)	ETSI EN 301 489-17 V3.1.1 (Cl. 7.5.7: 2017)
634	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments Electrical Measuring transducers Equipment for household	Immunity Test Requirements (EMC) (Test of immunity to electrostatic discharge)	IEC61000-6-2 (Cl.9 Table-1 to Table-4)

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635	ELECTRONICS- EMC TEST FACILITY	Electrical andElectronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Power frequency magnetic field immunity test	IEC 62052-11:2020 (Cl: 9.3, Cl: 9.3.13): 2020, BS EN IEC62052-11 (Cl: 9.3, Cl: 9.3.13) (Amd12: 2024) : 2021, EN IEC 62052-11 (Amd11: 2022) (Cl: 9.3, Cl: 9.3.13)
636	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Immunity test requirements: (Electromagnetic field)	IEC 61326-1 (Cl. 6) (Cl. 6.2) (Table-1, Table-2, Table-3): 2020, EN IEC 61326-1
637	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Immunity test requirements: (ESD)	IEC 61326-1 (Cl.6, Cl.6.2 Table-1, Table-2, Table-3): 2020, EN IEC 61326-1
638	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Immunity test requirements: (Power frequency magnetic field)	IEC 61326-1:2020: 2020, EN IEC 61326-1 (Cl:6, Cl: 6.2) (Table-1, Table-2, Table-3)
639	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Immunity test requirements: (Surge)	IEC 61326-1(Table-1, Table-2,Table-3) (Cl.6, Cl.6.2): 2020, EN IEC 61326-1: 2021, IEC 61326-2-6 (Table 101) (Cl:6.2) (Withdrawn): 2012, IEC 61326-2-6 (Table-101, Table-102, Table-103) (Cl.6, Cl.6.2)
640	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Immunity test requirements: (Voltage dip, short interruptions)	IEC 61326-2-6 (Cl:6.2, Table 101): 2020, IEC 61326-1(Cl.6, Cl.6.2, Table-1, Table-2,Table-3): 2020, EN IEC 61326-1(Cl.6, Cl.6.2, Table-1, Table-2,Table-3)
641	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use	Voltage Fluctuation & Flicker Test	IEC 61326-1 (Cl: 7.2): 2020, EN IEC 61326-1 (Cl: 7.2)

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642	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Emission requirements (Conducted Emission)	IEC 61326-2-6 (Cl.7): 2020, IEC 61326-2-6 (Cl.7) (Withdrawn)
643	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Emission requirements (Radiated Emission)	IEC 61326-2-6 (Cl.7): 2020, IEC 61326-2-6 (Cl.7) (Withdrawn)
644	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements (counducted RF)	IEC 61326-2-6 (Cl.6, Cl.6.2,Table-101, Table-102, Table-103): 2020, IEC 61326-2-6 (Cl:6.2, Table 101) (Withdrawn)
645	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements (Voltage dip, short interruptions)	IEC 61326-2-6 (Cl.6, Cl.6.2,Table-101, Table-102, Table-103): 2020, IEC 61326-2-6 (Cl:6.2, Table 101) (Withdrawn)
646	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements: (Burst)	IEC 61326-2-6 (Cl:6, Cl: 6.2) (Table-101, Table-102, Table-103): 2020, IEC 61326-2-6 (Cl: 6.2) (Table-101) (Withdrawn)
647	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements: (Electromagnetic field)	IEC 61326-2-6 (Cl: 6.2) (Table-101) (Withdrawn): 2012, IEC 61326-2-6 (Cl. 6) (Cl. 6.2) (Table-101, Table-102, Table-103)
648	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements: (Electrostatic Discharge-ESD)	IEC 61326-2-6 (Table 101) (Withdrawn): 2012, IEC 61326-2-6 (Cl.6, Cl.6.2 Table-101, Table-102, Table-103)

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649	ELECTRONICS- EMC TEST FACILITY	Electrical equipment for measurement, control and laboratory use-In vitro diagnostic (IVD) medical equipments	Immunity test requirements: (Power frequency magnetic field)	IEC 61326-2-6 (Cl: 6.2) (Table-101) (Withdrawn): 2012, IEC 61326-2-6 (Cl: 6, Cl: 6.2) (Table-101, Table-102, Table-103)
650	ELECTRONICS- EMC TEST FACILITY	Electrical Equipments & Electrical / Electronic Equipments Equipments for house hold	Power frequency magnetic field immunity test	EN 61000-6-2 (Withdrawn): 2005, EN 61000-6-2: 2019, EN 61000-4-8: 2010, EN 61326-1 (Cl: 6.2 Table-1, Table-2) (Withdrawn): 2013, IEC 61000-4-8: 2009, CISPR 24 (Cl: 4.2.4) (Amd1: 2015) (Withdrawn): 2010, EN 55024 (Cl: 4.2.4) (Withdrawn)
651	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Electromagnetic compatibility: (Fast Transient Burst)	IEC 61000-4-4
652	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Electromagnetic compatibility: (Immunity to Electromagnetic RF Fields)	IEC 61000-4-3 (Amd1: 2007, Amd2: 2010) (Withdrawn)
653	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Electromagnetic compatibility: (Surge immunity)	IEC 61000-4-5
654	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Electromagnetic compatibility: (Test of immunity to electrostatic discharge)	EN 61326-1 (Cl.6.2 Table-1, Table-2, Table-3) (Withdrawn)
655	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Electromagnetic compatibility: (Test of immunity to electrostatic discharge)	IEC 61000-4-2
656	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Harmonic Current Emission Test	IEC 60688 (Ed 4)

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657	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Power frequency magnetic field immunity test	IEC 61000-4-8
658	ELECTRONICS- EMC TEST FACILITY	Electrical Measuring Transducers	Voltage Fluctuation & Flicker Test	EN 60688 (Ed 4) (Cl: 5.2.2)
659	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers Equipment for household	Conducted Emission measurements (Power and telecom port)	EN 55014-1 (Amd 1: 2020): 2017, EN 55011 (Amd 2: 2021): 2016, EN 55032: 2015, EN 55032 (Amd 1: 2020): 2015, CISPR 32: 2015, EN 61326-1 (Cl.7) (Withdrawn): 2013, EN 61000-6-3: (Amd1: 2011)(Withdrawn) : 2007, EN 61000-6-3 : 2013, EN 61000-6-3
660	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers Equipment for household	Damped Oscillatory Wave Immunity test	EN 61000-4-18
661	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers Equipment for household	Effect of Voltage Dips and Short Interruptions	EN 61000-4-11: 2020: 2020, IEC 61000-4-11: 2020,
662	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers Equipment for household	Ring Waves Immunity Test (On power port)	EN 61000-4-12

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663	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers Equipment for household	Surge Immunity:(Power port, Telecom port	EN 60947-6-1 (Amd 1:2014): 2014, EN 61000-4-5 (Amd 1: 2017): 2017, IEC 61000-4-5 (Amd 1:2017)
664	ELECTRONICS- EMC TEST FACILITY	Electrical/ Electronic Equipment and Electrical, Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control, Electrical measuring transducers, Equipment for household	Radiated emission Test	EN 55014-1 (A1: 2020): 2017, EN 55032 (A1: 2020): 2015, EN 55022 (Withdrawn): 2010, CISPR 14-1 (Cl:5.3.4): 2020, EN 55014-1: 2021, IEC 61326-1 (Cl.7, Cl.7.2) : 2020, EN 61326-1 (Cl.7, Cl.7.2) : 2021, CISPR 14-1 (Withdrawn)
665	ELECTRONICS- EMC TEST FACILITY	Electromagnetic compatibility (EMC) - Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements	Harmonic Current Emission Test	IEC 61000-4-7 (Amd 1:2008): 2002, EN 61000-4-7 (Amd 1:2009): 2002, IS 14700 (Part 4) (Sec 7)
666	ELECTRONICS- EMC TEST FACILITY	Electromagnetic compatibility (EMC) – Part 4-15: Testing and measurement techniques –Flicker meter – Functional and design specifications	Voltage Fluctuation & Flicker Test	IEC 61000-4-15 (Edition 2): 2010, EN 61000-4-15: 2011, IS 14700 (Part 4: Sec 15)
667	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Conducted Emission measurements (AC input/output Power ports, DC input/output Power ports, wired network port)	ETSI EN 301 489-52 V1.1.2 (CL:7.1.1, CL:7.2.1)
668	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Electrostatic Discharge	ETSI EN 301 489-52 V1.1.2 (CL:7.1.2) (CL:7.2.2)

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669	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Fast transients, common mode	ETSI EN 301 489-52 V1.1.2 (CL: 7.1.2, CL: 7.2.2)
670	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Radiated Emission on Enclosure port	ETSI EN 301 489-52 V1.1.2 (CL:7.1.1, CL:7.2.1)
671	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Radio frequency electromagnetic field (80 MHz to 6000 MHz)	ETSI EN 301 489-52 V1.1.2 (CL:7.1.2) , (CL:7.2.2)
672	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Radio frequency, common mode	ETSI EN 301 489-52 V1.1.2 (CL:7.1.2, CL:7.2.2)
673	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Surges	ETSI EN 301 489-52 V1.1.2 (CL:7.1.2) (CL:7.2.2)
674	ELECTRONICS- EMC TEST FACILITY	Electromagnetic Compatibility (EMC), standard for radio equipment and services; Cellular Communication, Mobile and portable (UE) radio and ancillary equipment operating in the GSM, DCS and E-UTRA band.	Voltage dips and interruptions	ETSI EN 301 489-52 V1.1.2 (CL:7.1.2, CL:7.2.2)
675	ELECTRONICS- EMC TEST FACILITY	Electromagnetic interference (EMI) / Electromagnetic Compatibility (EMC) test facility. Electrical and Electronic (Static) Energy meters Electrical Equipments Tariff and load control equipment & Electrical /electronic equipments for Household	Radio interference Measurements (Radiated emission)	CISPR 11 (AMD1: 2010)(Withdrawn)
676	ELECTRONICS- EMC TEST FACILITY	Emission Standards for Residential, Commercial and Light-Industrial Environments	Harmonic Current Emission Test	IS 14700 (Part: 4) (Sec 3)

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677	ELECTRONICS- EMC TEST FACILITY	Emission Standards for Residential, Commercial and Light-Industrial Environments	Voltage Fluctuation & Flicker Test	IS 14700 (Part: 4 Sec 3)
678	ELECTRONICS- EMC TEST FACILITY	Equipments used in industrial environments	Electrical Fast Transient Burst	KS C 9610-6-2
679	ELECTRONICS- EMC TEST FACILITY	Equipments used in industrial environments	Electrostatic Discharge	KS C 9610-6-2
680	ELECTRONICS- EMC TEST FACILITY	Equipments used in industrial environments	Power frequency magnetic fields	KS C 9610-6-2 (Cl: 9)
681	ELECTRONICS- EMC TEST FACILITY	Equipments used in industrial environments	Radiated Emission	KS C 9610-6-4 (Cl:9)
682	ELECTRONICS- EMC TEST FACILITY	Equipments used in industrial environments	Radiated RF Electromagnetic filed	KS C 9610-6-2(Cl:9)
683	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Conducted disturbances. Induced by radio frequency fields	IEC 61000-6-5 : 2015, EN 61000-6-5
684	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Damped oscillatory wave	IEC 61000-6-5: 2015, EN 61000-6-5
685	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Electrostatic Discharge	IEC 61000-6-5: 2015, EN 61000-6-5
686	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Fast Transient/Burst	IEC 61000-6-5: 2015, EN 61000-6-5
687	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Power frequency magnetic field immunity test	IEC 61000-6-5: 2015, EN 61000-6-5
688	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Radiated, Radio frequency Electromagnetic filed	IEC 61000-6-5: 2015, EN 61000-6-5
689	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Surge	IEC 61000-6-5: 2015, EN 61000-6-5
690	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Voltage dips and voltage interruptions	IEC 61000-6-5: 2015, EN 61000-6-5
691	ELECTRONICS- EMC TEST FACILITY	Equipments used in Power station and substation environment	Voltage dips and voltage interruptions (DC)	IEC 61000-6-5: 2015, EN 61000-6-5

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692	ELECTRONICS- EMC TEST FACILITY	Equipments used in residential, commercial and light-industrial environments	Electrical Fast Transient Burst	EN 61000-6-1
693	ELECTRONICS- EMC TEST FACILITY	Equipments used in residential, commercial and light-industrial environments	Electrostatic Discharge	KS C 9610-6-1: 2019, EN 61000-6-1
694	ELECTRONICS- EMC TEST FACILITY	Equipments used in residential, commercial and light-industrial environments	Power frequency magnetic fields	KS C 9610-6-1 (Cl: 9): 2019, EN 61000-6-1
695	ELECTRONICS- EMC TEST FACILITY	Equipments used in residential, commercial and light-industrial environments	Radiated RF Electromagnetic filed	KS C 9610-6-1(Cl:9): 2019, EN 61000-6-1
696	ELECTRONICS- EMC TEST FACILITY	Equipments used in residential, commercial and light-industrial environments	Surge immunity	EN 61000-6-1
697	ELECTRONICS- EMC TEST FACILITY	External Power Supply (EPS) for mobile phones	Harmonic Current Emission Test	ETSI EN 301 489-34 V2.1.1
698	ELECTRONICS- EMC TEST FACILITY	External Power Supply (EPS) for mobile phones	Voltage Fluctuation & Flicker Test	ETSI EN 301 489-34 V2.1.1
699	ELECTRONICS- EMC TEST FACILITY	Fluid Flow, Gas Meters-Additional functionalities	Radio frequency electromagnetic field 80 MHz to 6 GHz	BS EN 16314 (Cl:4.12.4)
700	ELECTRONICS- EMC TEST FACILITY	high frequency surgical equipment	Harmonic Current Emission Test	EN 60601-2-2: 2018, IEC 60601-2-2 (Amd 1:2023)
701	ELECTRONICS- EMC TEST FACILITY	high frequency surgical equipment	Voltage Fluctuation & Flicker Test	EN 60601-2-2: 2018, IEC 60601-2-2 (Amd1: 2023)
702	ELECTRONICS- EMC TEST FACILITY	Household appliances and electric tools	Conducted Emission measurements (Power and telecom port)	CISPR 14-1 (Cl:5.2): 2024, CISPR 14-1 (Withdrawn): 2009, EN 55014-1 (Cl:4.3)
703	ELECTRONICS- EMC TEST FACILITY	Household appliances and electric tools	Electrical Fast Transient Burst	EN 55014-2: 2021, CISPR 14-2
704	ELECTRONICS- EMC TEST FACILITY	Household appliances and electric tools	Electrostatic Discharge	CISPR 14-2: 2020, EN 55014-2
705	ELECTRONICS- EMC TEST FACILITY	Household appliances and electric tools	Radio frequency electromagnetic fields, 80 MHz to 6 GHz	EN 55014-2 (Cl:5.5): 2021, CISPR 14-2 (Cl:5.5)
706	ELECTRONICS- EMC TEST FACILITY	Household appliances and electric tools	Surge Immunity	CISPR 14-2: 2020, EN 55014-2

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707	ELECTRONICS- EMC TEST FACILITY	In vitro diagnostic (IVD) medical equipment	Harmonic Current Emission Test	IEC 61326-2-6: 2020, EN 61326-2-6
708	ELECTRONICS- EMC TEST FACILITY	In vitro diagnostic (IVD) medical equipment	Voltage Fluctuation & Flicker Test	IEC 61326-2-6: 2020, EN 61326-2-6
709	ELECTRONICS- EMC TEST FACILITY	Industrial, scientific and medical equipment	Conducted Emission measurements (Power and telecom port)	EN 55011 (Amd 1: 2016, Amd 2: 2021)(Cl:7.7.2): 2016, CISPR 11 (Cl:7.7.2)
710	ELECTRONICS- EMC TEST FACILITY	Industrial-process measurement and control - Programmable controllers	Harmonic Current Emission Test	IEC 61131-2: 2017, EN 61131-2
711	ELECTRONICS- EMC TEST FACILITY	Industrial-process measurement and control - Programmable controllers	Voltage Fluctuation & Flicker Test	IEC 61131-2: 2017, EN 61131-2
712	ELECTRONICS- EMC TEST FACILITY	Information technology equipment	Voltage Surge	IS 13252 (Part1) (Amd 1:2013, Amd 2:2015) (Cl. 7.4.2): 2015, EN 60950-1:2006 (Amd 1:2010, Amd 2:2013) (Cl. 7.4.2): 2013, IEC 60950-1:2005 (Amd 1:2009, Amd 2:2013) (Cl. 7.4.2)
713	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Continuous RF disturbances (Radiated Emission)	CISPR 35 (Cl:4.2.2): 2016, EN 55035 (A1: 2020) (Cl:4.2.2)
714	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Effect of Voltage Dips and Short Interruptions	CISPR 35 (Cl: 4.2.6): 2016, EN 55035 (Amd1: 2020) (Cl: 4.2.6)
715	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Electrical Fast Transient Burst	CISPR 35: 2016, EN 55035 (Amd1: 2020)
716	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Electrostatic Discharge	CISPR 35: 2016, EN 55035 (Amd1: 2020)
717	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Power frequency magnetic field immunity test	CISPR 35 (Cl: 4.2.3): 2016, EN 55035 (Cl: 4.2.3) (Amd1: 2020)
718	ELECTRONICS- EMC TEST FACILITY	Information Technology Equipment / Multimedia equipment	Surge Immunity	CISPR 35: 2016, EN 55035 (Amd 1: 2020) (Cl:4.2.5)

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719	ELECTRONICS- EMC TEST FACILITY	LED modules for general lighting	Harmonic Current Emission Test	EN 62717 (Amd 2:2019): 2017, IEC 62717 (Amd 1:2015) (Amd 2:2019)
720	ELECTRONICS- EMC TEST FACILITY	LED modules for general lighting	Voltage Fluctuation & Flicker Test	EN 62717 (Amd2: 2019): 2017, IEC 62717 (Amd1: 2015, Amd2: 2019)
721	ELECTRONICS- EMC TEST FACILITY	Low-voltage surge protective devices	Harmonic Current Emission Test	EN 61643-11 (Amd:11:2018): 2018, IEC 61643-11
722	ELECTRONICS- EMC TEST FACILITY	Low-voltage surge protective devices	Voltage Fluctuation & Flicker Test	IEC 61643-11: 2011, EN 61643-11 (Amd11: 2018): 2012, EN 61204-3: 2018, IEC 61204-3
723	ELECTRONICS- EMC TEST FACILITY	Low-voltage switch mode power supplies	Harmonic Current Emission Test	IEC 61204-3: 2016, EN 61204-3
724	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and control gear-Circuit breakers	Immunity tests: Harmonic currents	EN 60947-2 (Amd 1: 2020)(Cl:F.4.1): 2017, EN 60947-3 (Cl:8.3, 9.4): 2021, EN 60947-1 (Cl 8.3, 9.4): 2021, IEC 60947-3 (Cl:8.3, 9.4): 2020, IEC 60947-2 (Amd 1: 2019) (Cl: Annex F.4.1)

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725	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Conducted Emission measurements (Power and telecom port)	EN 60947-2 (Amd1: 2020) (Cl:F.5.3, J.3): 2017, IEC 60947-2 (Amd1: 2019) (Cl:F.5.3, J.3): 2016, EN 60947-7-1 (Cl:8.6.2): 2024, IEC 60947-3 (Cl:8.3.3, 9.4.3): 2020, IEC 60947-7-1 (Cl:8.6.2): 2024, EN 60947-3 (Cl:8.3.3, 9.4.3): 2021, IEC 60947-1 (Cl:8.3.3, 9.4) : 2020, EN 60947-1 (Cl:8.3.3, 9.4) : 2021, IEC 61439-1 (Cl:9.4,10.12): 2020, EN 61439-1 (Cl:9.4,10.12): 2021, KS C 9610-6-3 (Cl:9): 2017, EN 61000-6-4 (Cl:9)
726	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Current dips	IEC 60947-3 (Cl:8.3, 9.4): 2021, EN 60947-3 (Cl:8.3, 9.4): 2021, IEC 60947-1 (Cl:8.3, 9.4): 2020, EN 60947-1 (Cl:8.3, 9.4): 2021, EN 60947-2 (A1: 2020) (Cl: F.4.7): 2015, IEC 60947-2 (A1: 2019) (Cl: F.4.7)
727	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Electrical Fast Transient Burst	IEC 60947-7-1 (CL: 7.3): 2009, EN 60947-7-1 (CL: 7.3): 2009, EN 60947-2 (Amd1: 2020) (Cl: 7.3) (Annex F.4.4, Annex J): 2017, IEC 60947-2 (Amd1: 2019) (Cl: 7.3) (Annex F.4.4, Annex J): 2016, IEC 60947-1 (Cl: 8.3, 9.4): 2020, EN 60947-1 (Cl: 8.3, 9.4): 2021, IEC 60947-3 (Cl: 8.3, 9.4): 2020, EN 60947-3 (Cl: 8.3, 9.4)

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728	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Electrostatic Discharge	IEC 60947-7-1: 2009, EN 60947-7-1: 2009, IEC 60947-2 (Amd1: 2019): 2016, EN 60947-2 (Amd1: 2020): 2017, IEC 60947-3: 2020, EN 60947-3: 2021, EN 60947-1: 2021, IEC 60947-1
729	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Immunity tests: Surges	IEC 60947-2 (Amd 1: 2019) (Cl:7.3, B.8.13.1, M.8.16.1): 2019, EN 60947-1 (Cl:8.4.1.2.5): 2021, IEC 60947-1 (Cl:8.4.1.2.5): 2020, EN 60947-2 (Amd 1: 2020) (Cl:7.3, Annex F.4.5, Annex J): 2020, IEC 60947-3 (Cl:8.3, 9.4): 2020, EN 60947-3 (Cl:8.3, 9.4): 2021, IEC 60947-7-1 (Cl:7.3): 2009, EN 60947-7-1 (Cl:7.3): 2009, IEC 61439-1: 2020, EN 61439-1 (Cl:9.4,10.12)
730	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Radiated Emission	EN 60947-7-1 (Cl:7.3,8.6.2): 2009, IEC 60947-7-1 (Cl:7.3,8.6.2): 2009, IEC 61439-1 (Cl:9.4,10.12): 2020, EN 61439-1 (Cl:9.4,10.12): 2021, IEC 61439-1 (Cl:9.4,10.12): 2020, EN 61439-1 (Cl:9.4,10.12): 2021, KS C 9610-6-3 (Cl:9): 2017, EN 61000-6-4 (Cl:9)

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731	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Radiated radio-frequency electromagnetic fields	EN 60947-1 (Cl:9.4.2.3): 2021, IEC 60947-7-1 (Cl:7.3): 2009, IEC 60947-1 (Cl:9.4.2.3): 2020, EN 60947-7-1 (Cl:7.3)
732	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear	Radiated RF Electromagnetic fields	IEC 60947-2 (Cl:F.4.3 , J.2.3 , N.2.3) (Amd1: 2019) : 2016, EN 60947-2 (Cl:F.4.3 , J.2.3 , N.2.3) (Amd1: 2020): 2017, EN 60947-3 (Cl 8.3 , 9.4): 2021, IEC 60947-3 (Cl:8.3 , 9.4)
733	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Electrical Fast Transient Burst	IEC 61439-1 : 2020, EN 61439-1
734	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Electrostatic Discharge	IEC 61439-1: 2020, EN 61439-1
735	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Power frequency magnetic field immunity test	EN 61439-1 (Cl: 9.4, 10.12): 2021, IEC 61439-1 (Cl: 9.4, 10.12)
736	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Radiated RF Electromagnetic filed	IEC 61439-1 (Cl:9.4 , 10.12)
737	ELECTRONICS- EMC TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	IEC 61439-1 (Cl: 9.4, 10.12): 2020, EN 61439-1 (Cl: 9.4, 10.12)
738	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Conducted Emission measurements (Power and telecom port)	IEC 60255-26 (Cl:5.2, 7.2.3,8.1): 2024, EN 60255-26 (Cl:5.2, 7.2.3,8.1)
739	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Effect of Voltage Dips and Short Interruptions	IEC 60255-26 (Cl: 6, 7.3.10)

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740	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Electrical Fast Transient Burst	IEC 60255-26 (Cl: 6, 7.2): 2013, EN 60255-26 (Cl: 6, 7.2): 2013, IEC 60255-26
741	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Electrostatic Discharge	EN 60255-26: 2013, IEC 60255-26: 2013, IEC 60255-26
742	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Immunity to Electromagnetic HF Field	IEC 60255-26 (Cl:6 , 7.2)
743	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Immunity to Electromagnetic HF Field using Anechoic Chamber	EN 60255-26: 2013 (Cl: 6 , 7.2)
744	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Immunity to Electromagnetic HF Field,	IEC 60255-26
745	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Power frequency magnetic field immunity test	IEC 60255-26 (Cl: 6, 7.3): 2023, EN 60255-26 (Cl: 6, 7.3)
746	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Radiated Emission	EN 60255-26 (Cl:7.2.2): 2013, IEC 60255-26 (Cl:7.2.2): 2013, IEC 60255-26 (Cl:5.1, 7.2.2)
747	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Surge immunity test	EN 60255-26 (Cl:6, 7.3.6): 2013, IEC 60255-26 (Cl:6, 7.3.6): 2023, IEC 60255-26 (Cl:6, 7.3.6)
748	ELECTRONICS- EMC TEST FACILITY	Measuring relays and protection equipment	Voltage dips and short interruptions test (DC)	IEC 60255-26: 2023, EN 60255-26 (Cl: 7.3.10)

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749	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment & system	Harmonic Current Emission Test	EN 60601-1-2 (Amd 1:2021): 2015, IEC 60601-1:2005 (Amd 1:2012, Amd 2:2020): 2005, IEC 60601-1-12 (Amd 1:2020): 2014, EN 60601-1-12 (Amd 1:2020): 2015, IEC 60601-1-11 (Amd 1:2020): 2015, EN 60601-1-11 (Amd 1:2021): 2015, IEC 60601-1-2 (Amd 1:2020): 2014, EN 60947-6-1 (Amd 1:2014): 2005, IEC 60947-6-1 (Withdrawn)
750	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment & system	Voltage Fluctuation & Flicker Test	EN 60601-1 (Amd2: 2021): 2006, EN 60601-1-2 (Amd1: 2021)
751	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Effect of Voltage Dips and Short Interruptions	EN 61000-4-11 (Withdrawn): 2004, IEC 61000-4-11 (Withdrawn)
752	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Immunity to Electromagnetic HF Field using Anechoic Chamber	EN 61000-4-3 (Amd1: 2007 + Amd2: 2010)
753	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Immunity to Electrostatic Discharges	EN 61000-4-2: 2009, IEC 61000-4-2
754	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Power frequency magnetic field immunity test	EN 61000-4-8: 2010, IEC 61000-4-8

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755	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Radio Interference Measurement (Conducted Emission)	CISPR 11 (AMD1:2004) (Withdrawn): 2003, EN 55014-1 (A1:2009 + A2:2011) (Withdrawn): 2006, CISPR 11 (AMD1:2010) (Withdrawn): 2009, CISPR 14-1 (Withdrawn): 2005, CISPR 11 : 2015, CISPR 14-1 (Withdrawn)
756	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Radio Interference Measurement (Radiated Emission)	CISPR 11 (AMD1:2004) (Withdrawn): 2003, EN 55014-1 (A1:2009 + A2:2011) (Withdrawn): 2006, CISPR 11 (AMD1:2010) (Withdrawn): 2009, CISPR 14-1 (Withdrawn): 2005, CISPR 11 : 2015, CISPR 14-1 (Withdrawn): 2009, CISPR 32 (Withdrawn): 2012, EN 17526: 2021, EN 55011 (A2: 2021)
757	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment and medical electrical systems	Surge Immunity	IEC 61000-4-5
758	ELECTRONICS- EMC TEST FACILITY	medical electrical equipment and medical electrical systems used in emergency medical services environment	Voltage Fluctuation & Flicker Test	IEC 60601-1-12 (Amd1: 2020): 2014, EN 60601-1-12 (Amd1: 2020)
759	ELECTRONICS- EMC TEST FACILITY	medical electrical equipment and medical electrical systems used in the home healthcare environment	Voltage Fluctuation & Flicker Test	IEC 60601-1-11 (Amd1: 2020): 2015, EN 60601-1-11 (Amd1: 2021)

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760	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted disturbances. Induced by radio frequency fields	EN ISO 60601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, IEC 60601-2-60 (Cl:201.17,202): 2019, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, ISO 80601-2-67 (Cl:201.17,202): 2020, ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-7

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761	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted disturbances. Induced by radio frequency fields	IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 60601-2-21 (Cl:201.17,202): 2020, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-31 (Cl:201.17,202): 2020, EN 60601-2-31 (Cl:201.17,202): 2020, IEC 60601-2-57 (Cl:201.17,202): 2011, EN 60601-2-16 (Cl:201.17,202): 2019, IEC 60601-2-36 (Cl:201.17,202): 2014, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17

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762	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted disturbances. Induced by radio frequency fields	IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-29 (Cl:201.17,202): 2009, EN 60601-2-25 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2010, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Cl:201.17,202): 2012, IEC 60601-2-6 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202): 2009

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763	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted disturbances. Induced by radio frequency fields	IEC 60601-2-56 (Amd1: 2018)(Cl:201.17,202): 2017, EN 60601-2-50 (Amd1: 2023)(Cl:201.17,202): 2021, IEC 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2009, EN 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2010, IEC 60601-2-63 (Amd1: 2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 60601-2-59 (Amd1: 2023)(Cl:201.17,202): 2019, EN 60601-2
764	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted disturbances. Induced by radio frequency fields	ISO 80601-2-79 (Cl:201.17,202): 2018, EN 60601-2-66 (Cl:201.17,202): 2020, EN ISO 80601-2-74 (Cl:201.17,202): 2020, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-17 (Cl:201.17,202): 2015, IEC 60601-2-18 (Cl:201.17,202): 2009, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, EN 60601-2-18 (Cl:201.17,202): 2015, EN 61000-6-4: 2019,

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765	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted Emission measurements (Power and telecom port)	EN ISO 60601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, IEC 60601-2-60 (Cl:201.17,202): 2019, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, ISO 80601-2-67 (Cl:201.17,202): 2020, ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-7

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766	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted Emission measurements (Power and telecom port)	IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 60601-2-21 (Cl:201.17,202): 2020, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-31 (Cl:201.17,202): 2020, EN 60601-2-31 (Cl:201.17,202): 2020, IEC 60601-2-57 (Cl:201.17,202): 2011, EN 60601-2-16 (Cl:201.17,202): 2019, IEC 60601-2-36 (Cl:201.17,202): 2014, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17

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767	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted Emission measurements (Power and telecom port)	IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-29 (Cl:201.17,202): 2009, EN 60601-2-25 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2010, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Cl:201.17,202): 2012, IEC 60601-2-6 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202): 2009

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768	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted Emission measurements (Power and telecom port)	IEC 60601-2-56 (Amd1: 2018)(Cl:201.17,202): 2017, EN 60601-2-50 (Amd1: 2023)(Cl:201.17,202): 2021, IEC 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2009, EN 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2010, IEC 60601-2-63 (Amd1: 2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 60601-2-59 (Amd1: 2023)(Cl:201.17,202): 2019, EN 60601-2
769	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Conducted Emission measurements (Power and telecom port)	ISO 80601-2-79 (Cl:201.17,202): 2018, EN 60601-2-66 (Cl:201.17,202): 2020, EN ISO 80601-2-74 (Cl:201.17,202): 2020, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-17 (Cl:201.17,202): 2015, IEC 60601-2-18 (Cl:201.17,202): 2009, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, EN 60601-2-18 (Cl:201.17,202): 2015, EN 61000-6-4: 2019

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770	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical Fast Transient Burst	EN 61000-4-4: 2012, IEC 61000-4-4
771	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical fast transient/burst immunity	EN 60601-2-47 (Cl: 201.17, 202): 2015, IEC 80601-2-49 (Cl: 201.17, 202): 2018, EN 80601-2-49 (Cl: 201.17, 202): 2019, IEC 60601-2-50 (Cl: 201.17, 202) (Amd1: 2023): 2020, IEC 60601-2-54 (Cl: 201.17, 202) (Amd1: 2015, Amd2: 2018): 2009, EN 60601-2-54 (Cl: 201.17, 202) (Amd1: 2015, Amd2: 2019): 2009, IEC 60601-2-46 (Cl: 201.17, 202): 2016, EN 60601-2-46 (Cl: 201.17, 202) : 2019, IEC 60601-2-47 (Cl: 201.17, 202): 2012, EN 60601-2-57 (Cl: 201.17, 202): 2011, IEC 80601-2-59 (Cl: 2

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772	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical fast transient/burst immunity	EN 60601-2-66 (Cl: 201.17, 202) : 2020, EN ISO 80601-2-67 (Cl: 201.17, 202): 2020, ISO 80601-2-79 (Cl: 201.17, 202): 2018, EN ISO 80601-2-84 (Cl: 201.17, 202): 2023, IEC 60601-2-4 (Cl: 201.17, 202): 2010, EN 60601-2-4 (Cl: 201.17, 202): 2011, EN 60601-2-10 (Cl: 201.17, 202) (Amd1: 2016): 2015, IEC 80601-2-12: 2023 (Cl: 201.17, 202): 2023, IEC 60601-2-21 (Cl: 201.17, 202): 2020, EN 60601-2-21 (Cl: 201.17, 202): 2021, EN ISO 80601-2-79 (Cl: 201.17, 202): 2019, EN 60601-2-83

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773	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical fast transient/burst immunity	EN ISO 80601-2-80 (Cl: 201.17, 202): 2019, EN IEC 60601-2-83 (Cl: 201.17,202) (Amd1: 2022): 2019, IEC 60601-2-6 (Cl: 201.17, 202): 2012, IEC 60601-2-5 (Cl: 201.17, 202): 2009, IEC 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016, Amd2: 2022): 2012, EN ISO 80601-2-69 (Cl: 201.17, 202): 2020, EN ISO 60601-2-70 (Cl: 201.17, 202): 2020, EN ISO 60601-2-74 (Cl: 201.17, 202): 2021, EN 60601-2-16 (Cl: 201.17, 202): 2019, IEC 60601-2-25 (Cl: 201.17, 202): 2011, IEC 80601-2-26 (Cl: 201.17, 202)

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774	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical fast transient/burst immunity	IEC 60601-2-19 (Cl: 201.17, 202) (Amd1: 2023): 2020, EN 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016): 2015, IEC 60601-2-10 (Cl: 201.17, 202) (Amd1: 2016, Amd2: 2023): 2012, EN 80601-2-12 (Cl: 201.17, 202): 2023, IEC 60601-2-16 (Cl: 201.17, 202): 2018, EN 60601-2-19 (Cl: 201.17, 202) (Amd1: 2021): 2019, IEC 60601-2-23 (Cl: 201.17, 202): 2011, IEC 60601-2-20 (Cl: 201.17, 202) (Amd1: 2023) : 2020, EN 60601-2-23 (Cl: 201.17, 202)
775	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrical fast transient/burst immunity	ISO 80601-2-69 (Cl: 201.17, 202): 2020, IEC 60601-2-5 (Cl: 201.17, 202): 2009, EN 80601-2-59 (Cl: 201.17, 202) (Amd1: 2023): 2019, IEC 60601-2-4 (Cl: 201.17, 202): 2010, IEC 60601-2-17 (Cl: 201.17, 202): 2013, IEC 60601-2-18 (Cl: 201.17, 202) : 2009, EN 60601-2-20 (Cl: 201.17, 202) (Amd1: 2023) : 2020, IEC 60601-2-24 (Cl: 201.17, 202): 2012, EN 60601-2-25(Cl: 201.17, 202): 2015

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776	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electromagnetic radiation disturbance (Radiated Emissions)	EN ISO 60601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, IEC 60601-2-60 (Cl:201.17,202): 2019, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, ISO 80601-2-67 (Cl:201.17,202): 2020, ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-7

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
777	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electromagnetic radiation disturbance (Radiated Emissions)	IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 60601-2-21 (Cl:201.17,202): 2020, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-31 (Cl:201.17,202): 2020, EN 60601-2-31 (Cl:201.17,202): 2020, IEC 60601-2-57 (Cl:201.17,202): 2011, EN 60601-2-16 (Cl:201.17,202): 2019, IEC 60601-2-36 (Cl:201.17,202): 2014, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
778	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electromagnetic radiation disturbance (Radiated Emissions)	IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-29 (Cl:201.17,202): 2009, EN 60601-2-25 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2010, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Cl:201.17,202): 2012, IEC 60601-2-6 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202)

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779	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electromagnetic radiation disturbance (Radiated Emissions)	IEC 60601-2-56 (Amd1: 2018)(Cl:201.17,202): 2017, EN 60601-2-50 (Amd1: 2023)(Cl:201.17,202): 2021, IEC 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2009, EN 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2010, IEC 60601-2-63 (Amd1: 2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 60601-2-59 (Amd1: 2023)(Cl:201.17,202): 2019, EN 60601-2
780	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electromagnetic radiation disturbance (Radiated Emissions)	ISO 80601-2-79 (Cl:201.17,202): 2018, EN 60601-2-66 (Cl:201.17,202): 2020, EN ISO 80601-2-74 (Cl:201.17,202): 2020, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-17 (Cl:201.17,202): 2015, IEC 60601-2-18 (Cl:201.17,202): 2009, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, EN 60601-2-18 (Cl:201.17,202): 2015, EN 61000-6-4: 2019,

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781	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrostatic Discharge	EN 60601-2-25 (Cl: 201.17, 202): 2015, IEC 80601-2-26 (Cl: 201.17, 202) (Amd1: 2024): 2019, EN 80601-2-26 (Cl: 201.17, 202): 2020, IEC 60601-2-27 (Cl: 201.17, 202): 2012, EN 60601-2-27 (Cl: 201.17, 202): 2014, EN 60601-2-23 (Cl: 201.17, 202): 2015, IEC 60601-2-24 (Cl: 201.17, 202): 2012, EN 60601-2-24 (Cl: 201.17, 202): 2015, IEC 60601-2-29 (Cl: 201.17, 202)
782	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrostatic Discharge	EN ISO 60601-2-74 (Cl: 201.17, 202): 2021, IEC 60601-2-75 (Cl: 201.17, 202) (Amd1: 2023): 2017, EN 60601-2-75 (Cl: 201.17, 202): 2019, ISO 80601-2-79 (Cl: 201.17, 202): 2018, EN ISO 80601-2-79 (Cl: 201.17, 202): 2019, ISO 80601-2-80 (Cl: 201.17, 202): 2023, ISO 80601-2-72 (Cl: 201.17, 202): 2023, EN ISO 60601-2-72 (Cl: 201.17, 202): 2023, ISO 80601-2-74 (Cl: 201.17, 202)

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783	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrostatic Discharge	IEC 60601-2-4 (Cl: 201.17, 202): 2010, EN 60601-2-4 (Cl: 201.17, 202): 2011, IEC 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016) (Amd2: 2022): 2012, IEC 80601-2-12 (Cl: 201.17, 202): 2023, EN 80601-2-12 (Cl: 201.17, 202): 2023, IEC 60601-2-16 (Cl: 201.17, 202): 2018, EN 60601-2-16 (Cl: 201.17, 202): 2019, EN 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016): 2015, IEC 60601-2-10 (Cl: 201.17, 202) (Amd1: 2016) (A2)
784	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrostatic Discharge	IEC 60601-2-43 (Cl: 201.17, 202): 2022, EN 60601-2-43 (Cl: 201.17, 202): 2023, EN 60601-2-37 (Cl: 201.17, 202) (Amd1: 2015): 2008, IEC 60601-2-39 (Cl: 201.17, 202): 2018, EN 60601-2-39 (Cl: 201.17, 202): 2019, IEC 60601-2-45 (Cl: 201.17, 202) (Amd1: 2015) (Amd2: 2022): 2011, EN 60601-2-46 (Cl: 201.17, 202): 2019, IEC 60601-2-47 (Cl: 201.17, 202): 20

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
785	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Electrostatic Discharge	IEC 60601-2-54 (Cl: 201.17, 202) (Amd1: 2015) (Amd2: 2018): 2009, EN 60601-2-54 (Cl: 201.17, 202) (Amd1: 2015) (Amd2: 2019): 2009, EN 80601-2-60 (Cl: 201.17, 202): 2020, ISO 80601-2-61 (Cl: 201.17, 202): 2017, EN ISO 80601-2-61 (Cl: 201.17, 202): 2019, IEC 60601-2-62 (Cl: 201.17, 202): 2013, EN 60601-2-62 (Cl: 201.17, 202): 2015, IEC 60601-2-63 (Cl: 201.17, 202) (Amd1: 2017) (Amd2: 2021): 2012, EN 60601-2-63 (Cl: 201.17, 202)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
786	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Harmonic Current Emissions	EN 60601-2-29 (Cl:201.17,202): 2009, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, EN 60601-2-36 (Cl:201.17,202): 2015, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17,202): 2019, IEC 60601-2-41 (Cl:201.17,202): 2021, EN 60601-2-41 (Cl:201.17,202): 2021, IEC 60601-2-43 (Cl:201.17,202): 2022, IEC 60601-2-37 (Amd 1: 2015) (Cl:201.17,202): 2027, EN 60601-2-37 (Amd 1: 2015) (Cl:201.17,202): 2021,

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
787	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Harmonic Current Emissions	EN IEC 60601-2-83 (Amd 1: 2022) (Cl:201.17,202): 2019, IEC 60601-2-75 (Amd 1: 2023) (Cl:201.17,202): 2017, IEC 60601-2-4 (Cl:201.17,202): 2010, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-83 (Amd 11: 2021) (Cl:201.17,202): 2020, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-4 (Cl:201.17,202): 2010, EN 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202): 2009, EN 60601-2-5 (Cl:201

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
788	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Harmonic Current Emissions	IEC 60601-2-20 (Amd 1: 2023) (Cl:201.17,202): 2020, EN 60601-2-20 (Amd 1: 2023) (Cl:201.17,202): 2020, IEC 60601-2-21 (Cl:201.17,202): 2020, EN 60601-2-21 (Cl:201.17,202): 2021, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-22 (Cl:201.17,202): 2020, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-18 (Cl:201.17,202): 2015, IEC 60601-2-19 (Amd 1: 2023) (Cl:201.17,202): 2020, EN 60601-2-19 (Amd 1: 2021) (Cl:201.17,202): 2019, EN 60601-2-23 (Cl:201.17,202): 2015, EN 60601-2

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789	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Harmonic Current Emissions	IEC 60601-2-54 (Amd 1:2015),(Amd 2: 2018) (Cl:201.17,202): 2009, EN 60601-2-54 (Amd 1:2015),(Amd 2: 2019) (Cl:201.17,202): 2009, ISO 80601-2-56 (Amd 1: 2018) (Cl:201.17,202): 2017, IEC 60601-2-50 (Amd 1: 2023) (Cl:201.17,202): 2020, EN 60601-2-50 (Amd 1: 2023) (Cl:201.17,202): 2021, IEC 60601-2-52 (Amd 1: 2015) (Cl:201.17,202): 2020, EN ISO 80601-2-56 (Amd 1: 2020) (Cl:201.17,202)
790	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Harmonic Current Emissions	ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-69 (Cl:201.17,202): 2020, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 60601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-66 (Cl:201.17,202): 2020, ISO 80601-2-67 (Cl:201.17,202): 2020, EN ISO 80601-2-67 (Cl:201.17,202): 2020, EN ISO 60601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, IEC 60601-2

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791	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Immunity to proximity magnetic fields	IEC 60601-1-2 (Amd1:2020) : 2014, EN 60601-1-2 (Amd1:2021) (Cl: 8.11)
792	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Power frequency magnetic field immunity test	EN 60601-2-5 (Cl: 201.17, 202): 2015, IEC 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016, Amd2: 2022): 2012, EN 60601-2-6 (Cl: 201.17, 202) (Amd1: 2016): 2015, IEC 60601-2-11 (Cl: 201.17, 202): 2013, EN 60601-2-11 (Cl: 201.17, 202): 2013, IEC 60601-2-43 (Cl: 201.17, 202): 2022, IEC 60601-2-47 (Cl: 201.17, 202): 2012, EN 60601-2-47 (Cl: 201.17, 202): 2015, IEC 80601-2-12 (Cl: 201.17, 202): 2023, IEC 60601-2-19 (Cl: 201.17, 202) (Amd1: 2023): 2020, EN 60601-2-21 (Cl: 201.17, 202): 202

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793	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Power frequency magnetic field immunity test	EN 80601-2-59 (Cl: 201.17, 202) (Amd1: 2023): 2019, IEC 80601-2-60 (Cl: 201.17, 202): 2019, EN 80601-2-60 (Cl: 201.17, 202): 2020, ISO 80601-2-61 (Cl: 201.17, 202): 2017, EN ISO 80601-2-61 (Cl: 201.17, 202): 2019, EN 60601-2-57 (Cl: 201.17, 202): 2011, IEC 60601-2-62 (Cl: 201.17, 202): 2013, IEC 60601-2-65
794	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Power frequency magnetic field immunity test	IEC 60601-2-4 (Cl: 201.17, 202): 2010, EN 60601-2-18 (Cl: 201.17 ,202): 2015, EN 60601-2-19 (Cl: 201.17, 202) (Amd1: 2021): 2019, IEC 60601-2-20 (Cl: 201.17, 202) (Amd1: 2023): 2020, EN 60601-2-20 (Cl: 201.17, 202) (Amd1: 2023): 2020, IEC 60601-2-21 (Cl: 201.17, 202): 2020, IEC 60601-2-22 (Cl: 201.17, 202): 2019, IEC 60601-2-23 (Cl: 201.17, 202): 2011, IEC 60601-2-24 (Cl: 201.17, 202): 2012, EN 60601-2-16 (Cl: 201.17, 202): 2019, EN 60601-2-17 (Cl: 201.17, 202): 2015, IEC 6

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795	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Power frequency magnetic field immunity test	IEC 60601-2-40 (Cl: 201.17, 202): 2016, EN 60601-2-40 (Cl: 201.17, 202): 2019, IEC 80601-2-30 (Cl: 201.17, 202): 2018, EN 80601-2-30 (Cl: 201.17, 202): 2019, IEC 60601-2-31: 2020, IEC 60601-2-41 (Cl: 201.17, 202): 2021, IEC 60601-2-45 (Cl: 201.17, 202) (Amd1: 2015, Amd2: 2022): 2011, IEC 60601-2-46 (Cl: 201.17, 202): 2023, IEC 60601-2-46 (Cl:201.17, 202): 2016, EN 60601-2-46 (Cl: 201.17, 202): 2019, IEC 80601-
796	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Power frequency magnetic field immunity test	IEC 60601-2-75 (Cl: 201.17, 202) (Amd1: 2023): 2017, EN 60601-2-75 (Cl: 201.17, 202): 2019, ISO 80601-2-69 (Cl: 201.17, 202): 2020, EN ISO 80601-2-69 (Cl: 201.17, 202) : 2020, ISO 80601-2-80 (Cl: 201.17, 202): 2018, EN ISO 80601-2-80 (Cl: 201.17, 202): 2019, EN IEC 60601-2-83 (Cl: 201.17, 202) (Amd1: 2022): 2019, EN 60601-2-83 (Cl: 201.17, 202) (Amd11: 2021): 2020, ISO 80601-2-84 (Cl:

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797	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Proximity Magnetic Fields	EN ISO 60601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, IEC 60601-2-60 (Cl:201.17,202): 2019, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, ISO 80601-2-67 (Cl:201.17,202): 2020, ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-7

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
798	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Proximity Magnetic Fields	IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 60601-2-21 (Cl:201.17,202): 2020, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-31 (Cl:201.17,202): 2020, EN 60601-2-31 (Cl:201.17,202): 2020, IEC 60601-2-57 (Cl:201.17,202): 2011, EN 60601-2-16 (Cl:201.17,202): 2019, IEC 60601-2-36 (Cl:201.17,202): 2014, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17

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799	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Proximity Magnetic Fields	IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-29 (Cl:201.17,202): 2009, EN 60601-2-25 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2010, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Cl:201.17,202): 2012, IEC 60601-2-6 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202)

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800	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Proximity Magnetic Fields	IEC 60601-2-56 (Amd1: 2018)(Cl:201.17,202): 2017, EN 60601-2-50 (Amd1: 2023)(Cl:201.17,202): 2021, IEC 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2009, EN 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2010, IEC 60601-2-63 (Amd1: 2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 60601-2-59 (Amd1: 2023)(Cl:201.17,202): 2019, EN 60601-2
801	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Proximity Magnetic Fields	ISO 80601-2-79 (Cl:201.17,202): 2018, EN 60601-2-66 (Cl:201.17,202): 2020, EN ISO 80601-2-74 (Cl:201.17,202): 2020, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-17 (Cl:201.17,202): 2015, IEC 60601-2-18 (Cl:201.17,202): 2009, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, EN 60601-2-18 (Cl:201.17,202): 2015, EN 61000-6-4: 2019,

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802	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Radiated RF Electromagnetic filed immunity/ Immunity to proximity fields from RF wireless communications equipment	EN 60601-2-23 (Cl:201.17,202): 2015, IEC 60601-2-24 (Cl:201.17,202): 2012, IEC 60601-2-19 (Amd1: 2023) (Cl:201.17,202): 2020, IEC 60601-2-20 (Amd1: 2023) (Cl:201.17,202): 2020, EN 60601-2-20 (Amd1: 2023) (Cl:201.17,202): 2020, IEC 60601-2-25 (Cl:201.17,202): 2011, IEC 60601-2-29 (Cl:201.17,202): 2008, EN 60601-2-29 (Cl:201.17,202): 2009, IEC 80601-2-30 (Cl:201.17,202): 2018, IEC 60601-2-31: 2020, EN 60601-2-25 (Cl:201.17,202): 2015, EN 80601-2-26 (Cl:201.17,202) : 2020, E

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803	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Radiated RF Electromagnetic filed immunity/ Immunity to proximity fields from RF wireless communications equipment	EN 60601-2-43 (Cl:201.17,202): 2023, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, IEC 60601-2-46 (Cl:201.17,202): 2023, IEC 60601-2-46 (Cl:201.17,202): 2016, EN 60601-2-46 (Cl:201.17,202): 2019, IEC 60601-2-47 (Cl:201.17,202): 2012, EN 60601-2-47 (Cl:201.17,202): 2015, IEC 60601-2-45 (Am
804	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Radiated RF Electromagnetic filed immunity/ Immunity to proximity fields from RF wireless communications equipment	IEC 60601-2-4 (Amd1:2018) (Cl:201.17,202): 2010, IEC 60601-2-6 (Cl:201.17,202): 2012, EN 60601-2-10 (Amd1: 2016) (Cl:201.17,202): 2015, IEC 60601-2-16 (Cl:201.17,202) : 2018, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-19 (Amd1: 2021) (Cl:201.17,202): 2019, IEC 60601-2-21 (Cl:201.17,202): 2020, EN 60601-2-21(Cl:201.17,202): 2021, IEC 80601-2-12 (Cl:201.17,202): 2023, EN 80601-2-12 (Cl:201.17,202): 2023, EN 60601-2-24 (Cl:201.17,202)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
805	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Radiated RF Electromagnetic filed immunity/ Immunity to proximity fields from RF wireless communications equipment	ISO 80601-2-56 (Amd1: 2018) (Cl:201.17,202): 2017, EN ISO 80601-2-56 (Amd1: 2020) (Cl:201.17,202): 2017, IEC 80601-2-59 (Am1: 2023) (Cl:201.17,202): 2017, ISO 80601-2-61 (Cl:201.17,202): 2017, EN ISO 80601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, EN 60601-2-62 (Cl:201.17,202): 2015, IEC 60601-2-63 (Amd1:2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 80601-2-59 (Amd1: 2023) (Cl:201.17,202): 2019, IEC 80601-2-60 (Cl:201.17,202): 2019, EN 80601-2-60 (Cl:201

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
806	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Radiated RF Electromagnetic filed immunity/ Immunity to proximity fields from RF wireless communications equipment	ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 60601-2-74 (Cl:201.17,202): 2021, EN 60601-2-76 (Amd1: 2023) (Cl:201.17,202): 2019, ISO 80601-2-79 (Cl:201.17,202): 2018, EN ISO 80601-2-79 (Cl:201.17,202): 2019, ISO 80601-2-80 (Cl:201.17,202): 2018, EN ISO 80601-2-80 (Cl:201.17,202): 2019, IEC 60601-2-75 (Amd1: 2023) (Cl:201.17,202): 2017, EN 60601-2-75 (Cl:201.17,202)
807	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	EN 60601-2-36 (Cl:201.17,202): 2015, EN 60601-2-43 (Cl:201.17,202): 2023, EN 60601-2-45 (Amd 1: 2015) (Cl:201.17,202): 2015, IEC 60601-2-46 (Cl:201.17,202): 2023, IEC 60601-2-46 (Cl:201.17,202): 2016, EN 60601-2-46 (Cl:201.17,202): 2019, IEC 60601-2-47 (Cl:201.17,202): 2012, IEC 60601-2-45 (Amd 1:2015, Amd 2: 2022) (Cl:201.17,202): 2022, IEC 80601-2-49

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
808	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	EN ISO 60601-2-74 (Cl:201.17,202): 2021, IEC 60601-2-75 (Amd 1: 2023) (Cl:201.17,202): 2017, EN IEC 60601-2-83 (Amd 1: 2022) (Cl:201.17,202)
809	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	IEC 60601-2-25 (Cl:201.17,202): 2011, EN 60601-2-25 (Cl:201.17,202): 2015, EN 80601-2-26 (Cl:201.17,202): 2020, IEC 60601-2-22 (Cl:201.17,202): 2019, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-23 (Cl:201.17,202): 2015, IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-34 (Cl:201.17,202): 2011, EN 60601-2-34 (Cl:201.17,202): 2014,

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
810	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	IEC 60601-2-37 (Amd 1:2015) (Cl:201.17,202): 2015, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-54 (Cl:201.17,202): 2022, IEC 80601-2-60 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, EN 60601-2-62 (Cl:201.17,202): 2015, EN 60601-2-63 (Amd 1:2017, Amd 2:2021) (Cl:201.17,202): 2021, IEC 60601-2-57 (Cl:201.17,202): 2011, IEC 80601-2-59 (Amd 1:2023) (Cl:201.17,202): 2023,

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811	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	IEC 60601-2-4 (Cl:201.17,202): 2010, EN 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-6 (Cl:201.17,202): 2012, EN 60601-2-6 (Cl:201.17,202): 2015, EN 60601-2-83 (Amd 1: 2021) (Cl:201.17,202): 2021, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, IEC 60601-2-4 (Cl:201.17,202): 2018, EN 60601-2-6 (Amd 1: 2016) (Cl:201.17,202): 2016, EN 60601-2-10 (Amd 1: 2016) (Cl:201.17,202): 2016, IEC 80601-2-12 (Cl:201.17,2

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812	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Surge immunity	ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-79 (Cl:201.17,202): 2018, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Amd 1:2016, Amd 2: 2022)(Cl:201.17,202): 2022, EN 60601-2-66 (Cl:201.17,202): 2020, ISO 80601-2-67 (Cl:201.17,202): 2020, IEC 60601-2-10 (Amd 1:2016, Amd 2: 2023) (Cl:201.17,202): 2023, EN 60601-2-20 (Amd 1: 2023) (Cl:201.17,202): 2023, EN 60601-2-21 (Cl:201.17,202): 2021, E

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
813	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage dips, short interruptions and voltage variations immunity tests	EN 60601-2-34 (Cl: 201.17, 202): 2014, IEC 80601-2-35 (Cl: 201.17, 202): 2020, EN 60601-2-29 (Cl: 201.17, 202): 2009, IEC 80601-2-30 (Cl: 201.17, 202):2018, EN 80601-2-30 (Cl: 201.17, 202): 2019, EN 80601-2-35 (Cl: 201.17, 202): 2021, EN 60601-2-37 (Cl: 201.17, 202) (Amd1: 2015): 2008, IEC 60601-2-39 (Cl: 201.17, 202): 2018, EN 60601-2-39 (Cl: 201.17, 202): 2019, IEC 60601-2-40 (Cl: 201.17, 20

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814	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage dips, short interruptions and voltage variations immunity tests	EN 80601-2-49 (Cl: 201.17, 202): 2019, IEC 60601-2-50 (Cl: 201.17, 202) (Amd1: 2023): 2020, EN 60601-2-50 (Cl: 201.17, 202) (Amd1: 2023): 2021, IEC 60601-2-46 (Cl: 201.17, 202): 2016, EN 60601-2-46 (Cl: 201.17, 202): 2019, IEC 60601-2-47 (Cl: 201.17, 202): 2012, IEC 60601-2-52 (Cl: 201.17, 202) (Amd1: 2015): 2009, EN 60601-2-54 (Cl: 201.17, 202) (Amd1: 2015, Amd2: 2019): 2009, ISO 80601-2-56 (Cl: 201.17, 202) (Amd1: 2018): 2017, EN ISO 80601-2-56 (Cl: 201.17, 202) (Amd1: 2020):

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815	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage dips, short interruptions and voltage variations immunity tests	IEC 60601-2-18 (Cl: 201.17, 202): 2009, EN 60601-2-18 (Cl: 201.17, 202): 2015, IEC 60601-2-19 (Cl: 201.17, 202) (Amd1: 2023): 2020, EN 60601-2-19 (Cl: 201.17, 202) (Amd1: 2021): 2019, IEC 60601-2-16 (Cl: 201.17, 202): 2018, EN 60601-2-16 (Cl: 201.17, 202): 2019, IEC 60601-2-17 (Cl: 201.17, 202): 2013, IEC 60601-2-20 (Cl: 201.17, 202) (Amd1: 2023): 2020, IEC 60601-2-22 (Cl: 201.17, 202): 2019, EN 60601-2-22 (Cl: 201.17, 202): 2020, IEC 60601-2-23 (Cl: 201.17, 202): 2011, EN

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816	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage dips, short interruptions and voltage variations immunity tests	ISO 80601-2-61 (Cl: 201.17, 202): 2017, EN ISO 80601-2-61 (Cl: 201.17, 202): 2019, IEC 60601-2-62 (Cl: 201.17, 202): 2013, EN 60601-2-63 (Amd1: 2017) (Amd2: 2021) (Cl: 201.17, 202): 2015, IEC 60601-2-64 (Cl: 201.17, 202): 2014, EN 60601-2-64 (Cl: 201.17, 202): 2015, IEC 60601-2-65 (Amd1: 2017) (Amd2: 2021) (Cl: 201.17, 202): 2012, EN 60601-2-65 (Amd1: 2020) (Amd2: 2021) (Cl: 201.17, 202): 2013, EN 60601-2-62 (Cl: 201.17, 202): 2015, IEC 60601-2-63 (Amd1: 2017) (Amd2: 2021) (Cl:

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817	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage dips, short interruptions and voltage variations immunity tests	ISO 80601-2-74 (Cl: 201.17, 202): 2021, ISO 80601-2-79 (Cl: 201.17, 202): 2018, EN IEC 60601-2-83 (Cl: 201.17, 202) (Amd1: 2022): 2019, EN 60601-2-83 (Cl: 201.17, 202)(A11: 2021): 2020, ISO 80601-2-84 (Cl: 201.17, 202): 2023, EN ISO 80601-2-84 (Cl: 201.17, 202): 2023, IEC 60601-2-4 (Cl: 201.17, 202): 2010, EN ISO 80601-2-79 (Cl: 201.17, 202): 2019, ISO 80601-2-80 (Cl: 201.17, 202): 2018, EN ISO 80601-2-80 (Cl: 201.17, 202): 2019, EN 60601-2-4 (Cl: 201.17, 202): 2011, EN 606
818	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	EN ISO 60601-2-61 (Cl:201.17,202): 2019, IEC 60601-2-62 (Cl:201.17,202): 2013, IEC 60601-2-60 (Cl:201.17,202): 2019, ISO 80601-2-70 (Cl:201.17,202): 2020, EN ISO 80601-2-70 (Cl:201.17,202): 2020, ISO 80601-2-72 (Cl:201.17,202): 2023, EN 60601-2-75 (Cl:201.17,202): 2019, ISO 80601-2-67 (Cl:201.17,202): 2020, ISO 80601-2-69 (Cl:201.17,202): 2020, EN ISO 80601-2-7

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819	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	IEC 60601-1-2 (Cl: 7.2.2) (Table 2) (Amd1: 2020)
820	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	IEC 60601-2-27 (Cl:201.17,202): 2012, IEC 60601-2-21 (Cl:201.17,202): 2020, IEC 80601-2-30 (Cl:201.17,202): 2018, EN 80601-2-30 (Cl:201.17,202): 2019, IEC 60601-2-31 (Cl:201.17,202): 2020, EN 60601-2-31 (Cl:201.17,202): 2020, IEC 60601-2-57 (Cl:201.17,202): 2011, EN 60601-2-16 (Cl:201.17,202): 2019, IEC 60601-2-36 (Cl:201.17,202): 2014, IEC 60601-2-39 (Cl:201.17,202): 2018, EN 60601-2-39 (Cl:201.17,202): 2019, IEC 60601-2-40 (Cl:201.17,202): 2016, EN 60601-2-40 (Cl:201.17

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821	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	IEC 60601-2-5 (Cl:201.17,202): 2009, IEC 60601-2-23 (Cl:201.17,202): 2011, EN 60601-2-29 (Cl:201.17,202): 2009, EN 60601-2-25 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2010, IEC 60601-2-22 (Cl:201.17,202): 2019, EN 60601-2-4 (Cl:201.17,202): 2011, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-6 (Cl:201.17,202): 2012, IEC 60601-2-6 (Cl:201.17,202): 2015, IEC 60601-2-4 (Cl:201.17,202): 2011, IEC 60601-2-5 (Cl:201.17,202)

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822	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	IEC 60601-2-56 (Amd1: 2018)(Cl:201.17,202): 2017, EN 60601-2-50 (Amd1: 2023)(Cl:201.17,202): 2021, IEC 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2009, EN 60601-2-52 (Amd1: 2015)(Cl:201.17,202): 2010, IEC 60601-2-63 (Amd1: 2017, Amd2: 2021) (Cl:201.17,202): 2012, EN 60601-2-59 (Amd1: 2023)(Cl:201.17,202): 2019, EN 60601-2
823	ELECTRONICS- EMC TEST FACILITY	Medical electrical/electronic equipment and medical electrical systems	Voltage Fluctuation & Flicker Test	ISO 80601-2-79 (Cl:201.17,202): 2018, EN 60601-2-66 (Cl:201.17,202): 2020, EN ISO 80601-2-74 (Cl:201.17,202): 2020, ISO 80601-2-80 (Cl:201.17,202): 2018, EN 60601-2-5 (Cl:201.17,202): 2015, IEC 60601-2-17 (Cl:201.17,202): 2013, EN 60601-2-17 (Cl:201.17,202): 2015, IEC 60601-2-18 (Cl:201.17,202): 2009, ISO 80601-2-84 (Cl:201.17,202): 2023, EN ISO 80601-2-84 (Cl:201.17,202): 2023, EN 60601-2-18 (Cl:201.17,202): 2015, EN 61000-6-4: 2019,

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824	ELECTRONICS- EMC TEST FACILITY	Multiple function equipment - Transfer switching equipment	Harmonic Current Emissions	EN 60947-6-1 (A 1:2014): 2005, IEC 60947-6-1 (Withdrawn)
825	ELECTRONICS- EMC TEST FACILITY	Multiple function equipment - Transfer switching equipment	Voltage Fluctuation & Flicker Test	IEC 60947-6-1: 2021, EN 60947-6-1 (Amd1: 2014)
826	ELECTRONICS- EMC TEST FACILITY	Power switchgear and controlgear assemblies	Radiated Emission	IEC 61439-2: 2020, EN 61439-2
827	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF module.	Fast transients, common mode	ETSI EN 301 489-1 V2.2.3 , (Cl: 9.4)
828	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF module.	Conducted Emission measurements (AC input/output Power ports, DC input/output Power ports, wired network port)	ETSI EN 301 489-1 V2.2.3 (CL:8.4): 2019, ETSI EN 301 489-1 V2.2.3 (CL:8.3): 2019, ETSI EN 301 489-1 V2.2.3 (CL:8.7)
829	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF module.	Electrostatic discharge	ETSI EN 301 489-1 V2.2.3 (CL: 9.3: 2019)
830	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF module.	Surges	ETSI EN 301 489-1 V2.2.3 (CL:9.8)
831	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF module.	Voltage dips and interruptions	ETSI EN 301 489-1 V2.2.3 (CL: 9.7)
832	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment, Energy meters with RF modules.	Radio frequency, common mode	ETSI EN 301 489-1 V2.2.3 (Cl:9.5)
833	ELECTRONICS- EMC TEST FACILITY	Radio equipment,services and/or associated ancillary equipment.	Radio frequency electromagnetic field (80 MHz to 6000 MHz)	ETSI EN 301 489-1 V2.2.3 (CL:9.2)
834	ELECTRONICS- EMC TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Harmonic Current Emission Test	IEC 60571: 2012, EN 50155: 2021, EN 50121-1: 2017, EN 50121-4 (Amd 1:2019): 2016, EN 50121-5 (Amd 1:2019)

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835	ELECTRONICS- EMC TEST FACILITY	Railway applications - Electronic equipment used on rolling stock	Voltage Fluctuation & Flicker Test	IEC 60571: 2012, EN 50155,
836	ELECTRONICS- EMC TEST FACILITY	Railway applications-(LEDs, Boggie Indication lights, alternator)	Voltage Fluctuation & Flicker Test	EN 50121-4 9Amd1: 2019): 2016, EN 50121-5 (Amd1: 2019): 2017, EN 50121-1
837	ELECTRONICS- EMC TEST FACILITY	Relays and Relay systems associated with electric power apparatus	Fast transient SWC test	IEEE Std C37.90.1
838	ELECTRONICS- EMC TEST FACILITY	Relays and Relay systems associated with electric power apparatus	Oscillatory SWC test	IEEE Std C37.90.1
839	ELECTRONICS- EMC TEST FACILITY	Relays and Relay systems associated with electric power apparatus	Radiated Electromagnetic Interference Withstand Capability Requirements and Tests	IEEE Std C37.90.2
840	ELECTRONICS- EMC TEST FACILITY	Self-ballasted LED lamps	Harmonic Current Emission Test	IEC 62612 (Amd 1:2015, Amd 2:2018): 2013, EN 62612 (Amd 2:2018)
841	ELECTRONICS- EMC TEST FACILITY	Self-ballasted LED lamps	Voltage Fluctuation & Flicker Test	IEC 62612 (Amd1: 2015, Amd2: 2018): 2013, EN 62612 (Amd2: 2018)
842	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	Harmonic Current Emission Test	ETSI EN 301 489-3 V2.1.2
843	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	Voltage Fluctuation & Flicker Test	ETSI EN 301 489-3 V2.1.2
844	ELECTRONICS- EMC TEST FACILITY	Short-wave therapy equipment	Harmonic Current Emission Test	EN 60601-2-3 (Amd 1:2016): 2015, IEC 60601-2-3 (Amd 1:2016, Amd 2:2022)
845	ELECTRONICS- EMC TEST FACILITY	Short-wave therapy equipment	Voltage Fluctuation & Flicker Test	EN 60601-2-3 (Amd1: 2016): 2015, IEC 60601-2-3 (Amd1: 2016, Amd2: 2022)
846	ELECTRONICS- EMC TEST FACILITY	Switches for appliances	Harmonic Current Emission Test	IEC 61058-1: 2016, EN 61058-1

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847	ELECTRONICS- EMC TEST FACILITY	Switches for appliances	Voltage Fluctuation & Flicker Test	IEC 61058-1: 2016, EN 61058-1
848	ELECTRONICS- EMC TEST FACILITY	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic control devices	Harmonic Current Emission Test	IEC 60669-2-1: 2021, EN 60669-2-1 (Amd 11:2022)
849	ELECTRONICS- EMC TEST FACILITY	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic control devices	Voltage Fluctuation & Flicker Test	IEC 60669-2-1: 2021, EN 60669-2-1 (Amd11: 2022)
850	ELECTRONICS- EMC TEST FACILITY	Telecom products, electrical/electronic equipment	Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests	IEC 61000-4-29: 2000, EN 61000-4-29
851	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Conducted Emission measurements (Power and telecom port)	TEC/SD/DD/EMC-221/05/0 CT -16 (Cl:8.3)
852	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Electrical Fast Transient Burst	TEC/SD/DD/EMC-221/05/0 CT -16
853	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Electrostatic Discharge	TEC/SD/DD/EMC-221/05
854	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	RF Radiated Immunity	TEC/SD/DD/EMC-221/05/0 CT -16
855	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Surge Immunity	TEC/SD/DD/EMC-221/05/0 CT-16 (Cl 7.3)
856	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Test method for radiation emission (disturbance)	TEC/SD/DD/EMC-221/05/0 CT -16 (Cl:8.1.2)
857	ELECTRONICS- EMC TEST FACILITY	Telecommunication equipment	Voltage dips and interruptions	TEC/SD/DD/EMC-221/05/0 CT -16 (Cl: 9.6)
858	ELECTRONICS- EMC TEST FACILITY	Telecommunication network equipment;	Harmonic Current Emission Test	ETSI EN 300 386 V2.2.1
859	ELECTRONICS- EMC TEST FACILITY	Telecommunication network equipment;	Voltage Fluctuation & Flicker Test	ETSI EN 300 386 V2.2.1
860	ELECTRONICS- EMC TEST FACILITY	Telecontrol equipment and systems - Part 2: Operating conditions - Section 1: Power supply and electromagnetic compatibility	Harmonic Current Emission Test	IEC 60870-2-1: 1995, EN 60870-2-1

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861	ELECTRONICS- EMC TEST FACILITY	Telecontrol equipment and systems - Part 2: Operating conditions - Section 1: Power supply and electromagnetic compatibility	Voltage Fluctuation & Flicker Test	IEC 60870-2-1: 1995, EN 60870-2-1
862	ELECTRONICS- EMC TEST FACILITY	Timers and time switches	Harmonic Current Emission Test	IEC 60730-2-7: 2015, IEC 60730-2-9 (Amd 1:2018, Amd 2:2020): 2015, EN 60730-2-9 (Amd 1:2020, Amd 2:2020): 2019, EN 60730-2-7
863	ELECTRONICS- EMC TEST FACILITY	Timers and time switches	Voltage Fluctuation & Flicker Test	IEC 60730-2-7: 2015, EN 60730-2-7: 2020, IEC 60730-2-9 (Amd1: 2018, Amd2: 2020): 2015, EN 60730-2-9 (Amd1+Amd2: 2020)
864	ELECTRONICS- EMC TEST FACILITY	Uninterruptible power systems (UPS)	Harmonic Current Emission Test	IEC 62040-3: 2021, IS 16242 (PART 2): 2020, IEC 62040-2: 2016, EN 62040-2: 2018, EN 62040-3
865	ELECTRONICS- EMC TEST FACILITY	Uninterruptible power systems (UPS)	Voltage Fluctuation & Flicker Test	IS 16242 PART 2: 2020, EN 62040-2: 2018, IEC 62040-2
866	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Conducted spurious emissions - MS allocated a channel	ETSI EN 301 511 V12.5.1 (Cl:4.2.12, 5.3.12): 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.1.1): 2020, ETSI EN 301 511 V12.5.1 (Cl:4.2.13, 5.3.13): 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.1.2)
867	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Conducted spurious emissions - MS in idle mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.13, 5.3.13) : 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.1.2): 2020, 3GPP TS 51.010-1 version 13.10.0

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868	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Conducted spurious emissions for MS supporting the R-GSM or ER-GSM frequency band - MS allocated a channel	ETSI EN 301 511 V12.5.1 (Cl:4.2.14, 5.3.1) : 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.3.1): 2020, 3GPP TS 51.010-1 version 13.11.0
869	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Conducted spurious emissions for MS supporting the R-GSM or ER-GSM frequency band - MS in idle mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.15, 5.3.15): 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.3.2): 2020, ETSI EN 301 511 V12.5.1 (Cl:4.2.14, 5.3.14) : 2017, ETSI TS 151 010-1 V13.11.0(Cl:12.3.1)
870	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Output RF spectrum in EGPRS configuration (Transmitter spectrum mask / Transmitter unwanted emissions in the out of band domain)-Conducted mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.29, 5.3.29): 2017, ETSI TS 151 010-1 V12.8.0 (Cl:13.17.4) : 2016, 3GPP TS 51.010-1 version 12.8.0
871	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Output RF spectrum in GPRS multislot configuration (Transmitter spectrum mask / Transmitter unwanted emissions in the out of band domain)-Conducted mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.11, 5.3.11) : 2017, ETSI TS 151 010-1 V12.8.0 (Cl:13.16.3): 2016, 3GPP TS 51.010-1 version 12.8.0
872	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Radiated spurious emissions - MS allocated a channel	ETSI EN 301 511 V12.5.1 (Cl:4.2.16, 5.3.16) : 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.2.1) : 2020, 3GPP TS 51.010-1 version 13.10.0

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873	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Radiated spurious emissions - MS in idle mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.17, 5.3.17) : 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.2.2) : 2020, 3GPP TS 51.010-1 version 13.10.0
874	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Radiated spurious emissions for MS supporting the R-GSM or ER-GSM frequency band - MS allocated a channel	ETSI EN 301 511 V12.5.1 (Cl:4.2.18, 5.3.18): 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.4.1) : 2020, 3GPP TS 51.010-1 version 13.11.0
875	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Radiated spurious emissions for MS supporting the R-GSM or ER-GSM frequency band - MS in idle mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.19, 5.3.19): 2017, ETSI TS 151 010-1 V13.11.0 (Cl:12.4.2) : 2020, 3GPP TS 51.010-1 version 13.11.0
876	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Transmitter - Output RF spectrum (Transmitter spectrum mask / Transmitter unwanted emissions in the out of band domain)-Conducted mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.6, 5.3.6) : 2017, ETSI TS 151 010-1 V12.8.0 (Cl:13.4) : 2016, 3GPP TS 51.010-1 version 12.8.0
877	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment operating at GSM900 & GSM1800 frequency bands: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Transmitter - Output RF spectrum for MS supporting the R-GSM or ER-GSM frequency band (Transmitter spectrum mask / Transmitter unwanted emissions in the out of band domain)-Conducted mode	ETSI EN 301 511 V12.5.1 (Cl:4.2.9, 5.3.9) : 2017, ETSI TS 151 010-1 V12.8.0 (Cl:13.9) : 2016, 3GPP TS 51.010-1 version 12.8.0
878	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Occupied Channel Bandwidth (Radiated measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.8, 4.3.2.7, 5.4.7, 5.4.7.2.2)

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879	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Receiver spurious emissions (Conducted mode)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.11, 4.3.2.10, 5.4.10)
880	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Receiver spurious emissions (Radiated mode)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.11, 4.3.2.10, 5.4.10)
881	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	RF output power (Conducted measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.2, 4.3.2.2, 5.4.2, 5.4.2.2.1)
882	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	RF output power (Radiated measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.2, 4.3.2.2, 5.4.2, 5.4.2.2.2)
883	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4 GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Transmitter unwanted emissions in the out-of-band domain (Conducted mode)	ETSI EN 300 328 V2.2.2, (Cl:4.3.1.9, 4.3.2.8, 5.4.8)
884	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Transmitter unwanted emissions in the out-of band domain (Radiated mode)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.9, 4.3.2.8, 5.4.8)
885	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Occupied Channel Bandwidth (Conducted measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.8, 4.3.2.7, 5.4.7, 5.4.7.2.1)

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886	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Power Spectral Density (Conducted measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.2.3, 5.4.3, 5.4.3.2.1)
887	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Power Spectral Density (Radiated measurements)	ETSI EN 300 328 V2.2.2 (Cl:4.3.2.3, 5.4.3, 5.4.3.2.2)
888	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Transmitter unwanted emissions in the spurious domain (Conducted mode)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.10, 4.3.2.9, 5.4.9)
889	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Data transmission equipment operating in the 2.4GHz band (WIFI, Bluetooth, Zigbee): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Transmitter unwanted emissions in the spurious domain (Radiated mode)	ETSI EN 300 328 V2.2.2 (Cl:4.3.1.10, 4.3.2.9, 5.4.9)
890	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Effective Radiated Power (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.2.2.1)
891	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Effective Radiated Power (conducted measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.1)
892	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Effective Radiated Power (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.2.2.2)

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893	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Effective Radiated Power (Radiated measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.1)
894	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Maximum Effective Radiated Power spectral density (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.3)
895	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Maximum Effective Radiated Power spectral density (conducted measurement)	ETSI EN 300 220-2 V3.2.1, Cl:4.3.2
896	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Maximum Effective Radiated Power spectral density (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.3)
897	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Maximum Effective Radiated Power spectral density (Radiated measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.2)
898	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Occupied Bandwidth (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.6)
899	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Occupied Bandwidth (conducted measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.4)

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900	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Occupied Bandwidth (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.6)
901	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Occupied Bandwidth (Radiated measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.4)
902	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Tx Out Of Band Emissions (conducted measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.5)
903	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products	Tx Out Of Band Emissions (Radiated measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.3.5)
904	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Tx Out Of Band Emissions (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.8)
905	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Tx Out Of Band Emissions (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.8)
906	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain- Rx and other mode (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl: 5.9)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
907	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain- Tx mode (Conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.9)
908	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain- Tx mode (Radiated measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.9)
909	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain-Rx and other Mode (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl: 5.9)
910	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain-Tx and Rx mode (Conducted measurement)	ETSI EN 300 220-2 V3.2.1 (Cl:4.2.2)
911	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio Equipment, Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz: Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Non-cellular products.	Unwanted emissions in the spurious domain-Tx and Rx mode (Radiated measurement)	ETSI EN 300 220-2 V3.2.1(Cl:4.2.2)
912	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Receiver Spurious Emissions for category NB1 (Radiated mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.10.1, 5.3.9.5) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:7.9F) : 2019, 3GPP TS 36.521-1 version 15.3.1 (Cl:7.9F)
913	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Receiver spurious emissions for single carrier (conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.10.1, 5.3.9.1)

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914	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Receiver Spurious Emissions for UE category M1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:5.3.9.4): 2019, ETSI TS 136 521-1 V15.5.0 (Cl:7.9EA)
915	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Receiver Spurious Emissions for UE category NB1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:5.3.9.5) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:7.9F)
916	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spectrum emission mask for category NB1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.3.5, 5.3.2.5): 2019, ETSI TS 136 521-1 V15.5.0 (CL:6.6.2.1F)
917	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spectrum emission mask for Single Carrier (Conducted Mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.3.1, 5.3.2.1) : 2019, ETSI TS 136 521-1 V15.5.0 (CL:6.6.2.1)
918	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spectrum emission mask for UE category 0 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:5.3.2.6) : 2019, ETSI TS 136 521-1 V15.5.0 (CL:6.6.2.1E)
919	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spectrum emission mask for UE category M1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:5.3.2.7) : 2019, ETSI TS 136 521-1 V15.5.0 (CL:6.6.2.1EA)

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920	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spectrum emission mask for UL-MIMO (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.3.3, 5.3.2.3) : 2019, ETSI TS 136 521-1 V15.5.0 (CL:6.6.2.1B)
921	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for category NB1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.4.5, 5.3.3.5) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:6.6.3F.1) : 2019, 3GPP TS 36.521-1 version 15.3.1 (Cl:6.6.3F.1)
922	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for category NB1 (Radiated mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.4.5, 5.3.3.5) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:6.6.3F.1) : 2019, 3GPP TS 36.521-1 version 15.3.1 (Cl:6.6.3F.1)
923	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for single carrier (conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.4.1, 5.3.3.1) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:6.6.3.1, 6.6.3.2, 6.6.3.3)
924	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for UE category M1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:5.3.3.7) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:6.6.3EA)
925	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for UL-MIMO (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.4.3, 5.3.3.3)

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926	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products	Transmitter spurious emissions for UL-MIMO (Radiated mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.4.3, 5.3.3.3)
927	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT Cellular network (LTE (Release 8, Release 10), 4G-LTE (CAT M1/M2) , NB-IOT CAT NB1(Release 13)/ CAT NB2(Release 14)): Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Receiver Spurious Emissions for category NB1 (Conducted mode)	ETSI EN 301 908-13 V13.1.1 (Cl:4.2.10.1, 5.3.9.5) : 2019, ETSI TS 136 521-1 V15.5.0 (Cl:7.9F): 2019, 3GPP TS 36.521-1 version 15.3.1 (Cl:7.9F)
928	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT cellular networks (4G-LTE): , Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Unwanted emissions in the spurious domain-Tx Mode (conducted measurement)	ETSI EN 300 220-1 V3.1.1 (Cl:5.9)
929	ELECTRONICS- EMC TEST FACILITY	Wireless/Radio User Equipment, IMT cellular networks (LTE, 4G-LTE): , Static Energy meters, RF modem, Gas meters, Mobile phones, Telecom equipment, Cellular products.	Radiated Spurious Emission-User Equipment (Radiated mode)	ETSI EN 301 908-1 V13.1.1 (Cl:4.2.2, 5.3.1)
930	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product	Protection against dust and water	IS/IEC 60529: 2001 IS 12063 (Withdrawn)
931	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product	Resistance to heat and fire	IEC 60695-2-11: 2014 IS 11000 (Part 2/Sec 1): 2008 IEC 60695-2-10 (Withdrawn): 2013 EN 60695-2-11 (Withdrawn): 2000 IS 11000 (Part 1 & 2/ of 84 &88) (Reaffirm): 2011 IEC 60695-2-10 (Withdrawn)
932	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product	Vertical random vibration test	IS 15763: 2020 ISO 13355

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933	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product \(Parts), All type of Energy Meters and its parts	Salt Mist test	IEC 60068-2- 11 (Withdrawn)
934	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product \(Parts), Diaphragm Gas Meter and its parts	Resistance to salt spray (Neutral Salt Spray)	EN 1359 (+Amd1:1998) (Clause 6.3.2.1.5 & 6.3.2.2) (Withdrawn): 1998 EN ISO 9227: 2022 BSEN 1359 (Incorporating) (+Amd1:1999): 1999 ISO 7253 (Withdrawn): 1984 BS EN 1359 (Cl: 6.4.2.5): 2017 BSEN ISO 7253: 2001 ISO 9227 (Withdrawn)
935	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product \(Parts), Diaphragm Gas Meter and its parts	Resistance to salt spray (Neutral Salt Spray,Copper Accelerated Acetic Acid salt spray,Acetic Acid salt spray,salt spray)	ISO 9227 (Withdrawn):2006 ISO 9227 (Withdrawn): 2012 EN 14236 (Clause 6.3.2.5 & 6.3.3.2)
936	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment	Damp Heat Cyclic Test	IS 9000 (Part 5 / Sec 1 to 2): 1981 IS 9000 (Part 5 / Sec 1 to 2) RA (Non-Dissipating system): 2013 IEC 60068-2-30 (Withdrawn): 1980 IEC 60068-2-30: 2005 EN 60068-2-30
937	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment	Dry Heat Test	IEC 60068-2-2 (Non-Heat Dissipating system): 2007 EN 60068-2-2 (Non-Heat Dissipating system): 2007 IS 9000 (Part 3 / Sec 1 to 3): 1977 IS 9000 (Part 3 / Sec 1 to 3) RA: 2013 IEC 60068-2-2 (Amd 1: 1993) (Amd 2: 1994) (Withdrawn)

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938	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment	Heat Deflection Test	IS 13360 (Part 6/Sec 3): 2022 IS 13360 (Part 6/Sec 17): 2017 ISO 75-2: 2013 ASTM D648-07: 1996 ASTM D1525: 2000 ISO 75 (1 & 2): 1993 IS 13360 (Part 6/Sec 3): 2013 IS 13360 (Part 6/Sec 17)
939	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment	Spring / Impact Hammer Test	IEC 60068-2-75: 2014 EN 60068-2-75 (Cl: 6): 2014 IS 9000 (Part 7 / Sec 7): 2020 IEC 60068-2-75 (Withdrawn): 1997 IEC 817 (Withdrawn): 1984 EN 60068-2-75 (Withdrawn)
940	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers	Shock Test	IS 9000 (Part 7 / Sec 1) (Withdrawn): 2006 IEC 60068-2-27: 2008 IS 13875 (Part 1,3) (Cl: 4.9.2): 1993 IS 9000 (Part 7 / Sec 15) (Withdrawn): 1979 EN 60068-2-27: 2008 IEC 60068-2-27: 1987 EN 60068-2-27 (Withdrawn): 1987 IS 9000 (Part 7 / Sec 1)
941	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment\Product Electrical / Electronic Equipment and Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment Digital Measuring instruments for measurement and control , Electrical measuring transducers	Vibration test (Sine)	IS 9000 (Part 8) (Withdrawn): 1981 IEC 60068-2-6: 2007 IEC 60068-2-6 (Withdrawn): 1995 IS 13875 (Part 1,3) (Cl: 4.9.2)

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942	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronics Equipment\Product nd Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment	Cold Test	IS 9000 (Part 2 / Sec 1 to 4) (Withdrawn): 1977 IEC 60068-2-1 (Amd 1: 1993) (Amd 2: 1994) (Withdrawn): 1990 IS 9000 (Part 2 / Sec 1 to 4) RA (Non-Dissipating system): 2013 IEC 60068-2-1: 2007 EN 60068-2-1
943	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Boxes and Enclosures for Electrical Accessories for Household and Similar Fixed Electical Installations,	Protection against ingress of solid objects and against harmful ingress of water	EN 60670 (Cl:13): 2021 IEC 60670 (Cl:13)
944	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Boxes and Enclosures for Electrical Accessories for Household and Similar Fixed Electical Installations,	Resistance Against Ingress of Solid Objects, Resistance to Harmful Ingress of Water	IS 14772 (Cl:12.3, 12.4)
945	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Busbar trunking systems (busways)	Degree of protection of assemblies	IEC 61439-6 (Cl:10.3): 2012 EN 61439-6 (Cl:10.3)
946	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Degrees of protection provided by the integral design of rotating electrical machines	Tests for first characteristic numeral, Tests for second characteristic numeral	IEC 60034-5 (Cl:9, 10): 2020 EN 60034-5 (Cl:9, 10)
947	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Distribution boards intended to be operated by ordinary persons	Protection against contact with live parts, ingress of solid foreign bodies and water	EN 61439-3:2012/AC (Cl:8.2.2): 2019 IEC 61439-3 (Cl:8.2.2)
948	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electric Toys	"Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral"	IEC 60529 (Cl:5.2,6)

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949	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electric Toys	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	IEC 62115 (+ COR1: 2019) (Cl:11): 2017 EN IEC 62115 (+A11: 2020) (Cl:11)
950	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment\Product	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (Amd 2: 2014) (Cl:5.2, 6): 2001 IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1991 EN 60529 (+Amd 1: 1999) (+Amd 2: 2013) (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6)
951	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical Panel (Low Voltage switchgear & control gear assembly)	Protection against contact with live parts, ingress of solid foreign bodies and water	IEC 61439-4 (Cl:8.2.2): 2012 EN 61439-4 (Cl:8.2.2)
952	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	ElectricToys	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (+Amd1:1999) (+Amd2: 2013) (Cl:5.2, 6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
953	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Enclosures for household accessories	Resistance against ingress of solid objects	IS 12063 (Withdrawn)
954	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Enclosures for household accessories	Resistance of Insulating Material to Abnormal Heat and Fire	IS 11000 (Part 2/Sec 1) (Withdrawn)
955	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Enclosures for household accessories	Resistance to Harmful Ingress of Water	IS 12063 (Withdrawn)
956	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	EV charging system	DEGREES OF PROTECTION	IS 17017 (Part 2/Sec 1) (Cl:20)

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957	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	EV charging system	DEGREES OF PROTECTION	IS 17017 (Part 21) (Cl:12.4)
958	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	EV charging system	IP degrees	IEC 61851-1 (COR 1: 2023) (Cl:12.4): 2017 EN 61851-1 (AC: 2023) (Cl:12.4)
959	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	EV charging system	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1991 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6): 2024 EN 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6)
960	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Climatic environments: open location ,closed location, Location liable to temporary saturation	EN 16314 (Cl:4.9.2, 4.9.3, 4.9.4)
961	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Construction requirements: Casing	EN 12405-1 (Cl:6.2)
962	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Electrical Connection	EN 12480 (Cl:7.4.4)
963	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Indicating devices and accessories: General	EN 12261 (Cl:6.5.1)
964	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 EN 60529 (Cl:5.2, 6): 1991 EN 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)

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965	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Robustness of meter case: Protection against penetration of dust and water	EN 14236 (Cl:6.2.2)
966	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meter	Robustness of meter case: Protection against penetration of dust and water	EN 17526 (Cl:6.3.2)
967	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meters — Additional functionalities	Location liable to temporary saturation	EN 16314 (Cl:4.9.3, 4.9.4): 2018 EN 16314 (Cl:4.9.4)
968	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Gas meters — Additional functionalities	Open location	EN 16314 (Cl 4.9.3)
969	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Household and similar electrical appliances – Safety Battery changer	Moisture resistance	IEC 60335-2-14 (+A1: 2019) (Cl:15): 2016 EN 60335-2-14 (+A1+A11: 2023) (Cl:15): 2023 IEC 60335-1 (+ COR1: 2021) (Cl:15)
970	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Household and similar electrical appliances – Safety Battery changer	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1991 IS/IEC 60529 (Cl:5.2, 6): 2024 EN 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2014 IS/IEC 60529 (Cl:5.2, 6)
971	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Installation & equipments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 EN 60529 (Cl:5.2, 6): 1991 EN 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2014 IS/IEC 60529 (Cl:5.2, 6)

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972	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Installation & equipments	Protective barriers or enclosures	IEC 61140 (Cl:5.2.3)
973	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Installation & equipments	Protective provisions (elements of protective measures):Protective barriers or enclosures	IEC 61140 (Cl:5.2.3)
974	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	additional requirement for apparatus with protection against splashing water	IS 616 (Annex A): 2010 IEC 60065 (Annex A)
975	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	Construction requirements for outdoor enclosures: Protection of equipment within an outdoor enclosure	IEC 62368-1 (Annex Y) (Cl:Y.5)
976	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	Guidance on protection against ingress of water	IS 13252 (Part 1) (Annex A) (Cl:1.1.2)
977	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	Protection against contact with live parts, ingress of solid foreign bodies and water	IEC 61439-5 (Cl:8.2.2): 2015 EN 61439-5 (Cl:8.2.2): 2023 IEC 61439-5 (Cl:8.2.2): 2023 EN 61439-5 (+Amd1:2017) (Cl:8.2.2)
978	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (A2:2014) (Cl:5.2,6): 2001 IS/IEC 60529 (Cl:5.2,6): 2001 EN 60529 (Cl:5.2.6): 1991 EN 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 IS/IEC 60529 (Cl:5.2.6)
979	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	IT and electronics Equipments	Protection provided by enclosures of switches	IEC 60669-1 (Cl:15.2): 2017 EN 60669-1:2018/AC (Cl:15.2)

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980	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	LED BASED LUMINAIRE UNITS FOR PASSENGER COACHES	Degree of protection of the light fitting	RCF ANNDCURE-2, RDSO/PE/SPEC/TLI0091 (Cl:8)
981	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	LED BASED LUMINAIRE UNITS FOR PASSENGER COACHES	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6)
982	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	LED BASED LUMINAIRE UNITS FOR PASSENGER COACHES	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
983	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Low-voltage switchgear and controlgear	Degrees of protection of enclosed equipment	IEC 60947-4-3 (Cl:8.1.12)
984	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Degree of Protection of assemblies (IP Code)	IEC 61439-1 (Cl:10.3): 2020 EN 61439-1 (Cl:10.3)
985	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Low-voltage switchgear and controlgear assemblies	Protection against contact with live parts, ingress of solid foreign bodies and water (IP code), Degree of protection of assemblies (IP Code)	IEC 61439-1 (Cl:8.2.2, 10.3): 2020 EN 61439-1 (Cl:8.2.2, 10.3)
986	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lumanaries	CLASSIFICATION OF LUMINAIRES :Classification according to degree of protection against ingress of dust, solid objects and moisture	EN IEC 60598-1 (Cl:2.3) (+A11: 2022)

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987	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lumanaries	CLASSIFICATION OF LUMINAIRES :Classification according to degree of protection against ingress of dust, solid objects and moisture	IEC 60598-1 (Cl:2.3): 2020 IS 10322-1(+Amd1) (Cl:5.3)
988	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lumanaries	General requirements	EN 61347-1 (A1: 2021) (Cl:4): 2015 IEC 61347-1 (+Amd1: 2017) (Cl:4)
989	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lumanaries	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6): 2001 IEC 60529 (Cl:5.2, 6): 1989 IEC 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 IS/IEC 60529 (Cl:5.2, 6)
990	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lumanaries	Resistance to dust and moisture	IEC 60598-2-2 (Cl:3.13): 2011 IEC 60598-2-3 (+A1: 2011) (Cl:3.13): 2002 EN 60598-2-3 (+A1: 2011) (Cl:3.13)
991	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Medical equipments	Classification of ME EQUIPMENT and ME SYSTEMS: Protection against harmful ingress of water or particulate matter	IS 13450 (Cl:6.3): 2018 IEC 60601-1 (+Amd1:2012) (+Amd2: 2020) (Cl:6.3): 2005 EN 60601-1 (+Amd1:2012) (+Amd2: 2020) (Cl:6.3)

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992	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Medical equipments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
993	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power electronic converter	Protection against environmental stresses	IEC 62477-1 (Cl:4.9): 2022 EN 62477-1 (Cl:4.9): 2023 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 IEC 60529 (Cl:5.2, 6)
994	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power electronic converter	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 1991 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
995	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power quality instruments	Design and construction: Degree of protection by enclosures	IEC 62586-1 (Cl:6.9): 2017
996	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power quality instruments	Mechanical tests: Degree of protection by enclosures(IP Code)	EN 62586-1 (Cl:8.6.3): 2017

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997	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power quality instruments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
998	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Power switchgear and controlgear assemblies	Degree of Protection of PSC-assemblies (IP Code)	EN 61439-2 (Cl:10.3): 2021 IEC 61439-2 (Cl:10.3)
999	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Surge protective devices connected to telecommunications and signalling networks -AC & DC	Mechanical tests: Resistance to ingress of solid objects and to harmful ingress of water	IEC 61643-21 (+ corrigendum 2001) (Cl:6.3.3)
1000	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Surge protective devices connected to telecommunications and signalling networks -AC & DC	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
1001	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Telecom related equipments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)

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1002	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Telecom related equipments	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IS/IEC 60529 (Cl:5.2, 6):2001 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 EN 60529 (A2: 2014) (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6)
1003	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Household and Similar Electrical Appliances	Moisture and dust resistance: Protection against ingress of water and dust	IEC 60730-1 (Cl:14.1): 2022 EN 60730-1 (+Al +A2: 2022) (Cl:14.1)
1004	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Household and Similar Electrical Appliances	Moisture resistance	IEC 60335-1 (Cl:15): 2020 IS 302-1(Cl:15)
1005	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (High voltage switchgear , controlgear, etc.)	Design and construction(Degrees of protection provided by enclosures): protection of the equipment against ingress of solid foreign objects (IP coding),Protection against ingress of water (IP coding)	IEC 62271-201 (Cl:5.13.1,5.13.2): 2014 IEC 62271-1 (+ Amd1: 2021) (Cl:6.14.2, 6.14.3)
1006	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (High voltage switchgear , controlgear, etc.)	Design and construction: Degree of protection (IP code)	IEC 62271-215 (Cl:6.13): 2021 EN 62271-201 (Cl:6.14): 2014 EN 62271-103 (Cl:6.14): 2023 EN 62271-200 (Cl:6.14): 2021 EN 62271-204 (Cl:6.14)
1007	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (High voltage switchgear , controlgear, etc.)	Design and construction: Degrees of protection provided by enclosures	IEC 62271-204 (Cl:6.14) :2022 IEC 62271-200 (Cl:6.14) :2021 IEC 62271-103 (Cl:6.14)

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1008	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (High voltage switchgear , controlgear, etc.)	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	EN 60529 (A2: 2014) (Cl:5.2, 6)
1009	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (High voltage switchgear , controlgear, etc.)	Protection against solid foreign objects, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60529 (Cl:5.2, 6): 1989 EN 60529 (Cl:5.2, 6): 1991 IEC 60529 (Amd1:1999) (Amd2:2013) (Cl:5.2,6): 1989 IS/IEC 60529 (Cl:5.2, 6): 2001 IS/IEC 60529 (Cl:5.2, 6): 2024 , IS/IEC 60947-1 and (Cl:C.13,C.14,C.5.2,6) (AnnexC): 2020 IEC 60529: 2020 EN IEC 60947-1 and (Cl:C.13,C.14,C.5.2,6) (AnnexC)
1010	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (low voltage switchgear , controlgear, etc.)	Degrees of protection against access to hazardous parts and against ingress of solid foreign objects indicated by the first characteristic numeral, Degrees of protection against ingress of water indicated by the second characteristic numeral	IEC 60947-1 (Cl:C.5, C.6) (Annex C)

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1011	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Type of Industrial equipments (low voltage switchgear , controlgear, etc.)	Dust test for first characteristic numerals 5 and 6, Acceptance conditions for first characteristic numeral 5, Tests for protection against water indicated by second characteristic numeral	IEC 60947-1 (Cl:C.13.4, C.13.5.2, C.14)
1012	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Antenna terminal insulation	IEC 62368-1 (Cl: 5.4.5): 2023 AS/NZS 62368.1 (Cl: 5.4.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.5)
1013	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Back feed safeguard in battery backed up supplies	IEC 62368-1 (Cl: 5.8): 2023 AS/NZS 62368.1 (Cl: 5.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.8)
1014	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Batteries and their protection circuits	AS/NZS 62368.1 (Cl: 7.6)
1015	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Batteries and their protection circuits	IEC 62368-1 (Cl: 4.10.4): 2023 AS/NZS 62368.1 (Cl: 4.10.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.10.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.10.4)
1016	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Capacitors and RC units	IEC 62368-1 (Cl: 5.5.2): 2023 AS/NZS 62368.1 (Cl: 5.5.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.2)

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1017	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Cart, stand or carrier impact test	IEC 62368-1 (Cl: 8.10.4): 2023 AS/NZS 62368.1 (Cl: 8.10.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.10.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.10.4)
1018	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Cart, stand or carrier loading test and compliance criteria	IEC 62368-1 (Cl: 4.1.1): 2023 AS/NZS 62368.1 (Cl: 4.1.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.1)
1019	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Classification and limits of electrical energy sources	IEC 62368-1 (Cl: 5.2): 2023 AS/NZS 62368.1 (Cl: 5.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.2)
1020	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Classification of potential ignition sources	IEC 62368-1 (Cl: 6.2.3): 2023 AS/NZS 62368.1 (Cl: 6.2.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.3)
1021	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Clearances	IEC 62368-1 (Cl: 5.4.2): 2023 AS/NZS 62368.1 (Cl: 5.4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.2)

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1022	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Compliance criteria	IEC 62368-1 (Cl: 6.3.2): 2023 AS/NZS 62368.1 (Cl: 6.3.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.3.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.3.2)
1023	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Compliance criteria	IEC 62368-1 (Cl: 8.11.4): 2023 AS/NZS 62368.1 (Cl: 8.11.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.11.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.11.4)
1024	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Composition of a safeguard	IEC 62368-1 (Cl: 4.4.2): 2023 AS/NZS 62368.1 (Cl: 4.4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.4.2)
1025	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Control of fire spread in a PS3 circuit	IEC 62368-1 (Cl: 6.4.6): 2023 AS/NZS 62368.1 (Cl: 6.4.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.6)
1026	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Control of fire spread in PS1 circuits	IEC 62368-1 (Cl: 6.4.4): 2023 AS/NZS 62368.1 (Cl: 6.4.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.4)

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1027	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Control of fire spread in PS2 circuits	IEC 62368-1 (Cl: 6.4.5): 2023 AS/NZS 62368.1 (Cl: 6.4.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.5)
1028	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Creepage distances	IEC 62368-1 (Cl: 5.4.3): 2023 AS/NZS 62368.1 (Cl: 5.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.3)
1029	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Determination of accessible parts	IEC 62368-1 (Cl: 8.5.3): 2023 AS/NZS 62368.1 (Cl: 8.5.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.5.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.5.3)
1030	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Determination of the protective current rating	IEC 62368-1 (Cl: 5.6.4.2): 2023 AS/NZS 62368.1 (Cl: 5.6.4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.2)
1031	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Determination of working voltage	IEC 62368-1 (Cl: 5.4.1.8): 2023 AS/NZS 62368.1 (Cl: 5.4.1.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.8)

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1032	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Earthed accessible conductive parts	IEC 62368-1 (Cl: 5.7.5): 2023 AS/NZS 62368.1 (Cl: 5.7.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.5)
1033	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electric strength test	IEC 62368-1 (Cl: 5.4.9): 2023 AS/NZS 62368.1 (Cl: 5.4.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.9)
1034	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electrical energy source classifications	IEC 62368-1 (Cl: 5.2.1): 2023 AS/NZS 62368.1 (Cl: 5.2.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.2.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.2.1)
1035	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electrical energy source ES1 and ES2 limits	IEC 62368-1 (Cl: 5.2.2): 2023 AS/NZS 62368.1 (Cl: 5.2.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.2.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.2.2)
1036	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electrical measuring instruments	IEC 62368-1 (Cl: 4.1.9): 2023 AS/NZS 62368.1 (Cl: 4.1.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.9)

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1037	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electrical strength test, Mandrel test, working voltage test, Clearance and creepage distance test	IEC 62368-1 (Cl: 5.4.4.8): 2023 AS/NZS 62368.1 (Cl: 5.4.4.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.8)
1038	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Electrically-caused fire (General)	IEC 62368-1 (Cl: 6.1): 2023 AS/NZS 62368.1 (Cl: 6.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.1)
1039	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Energy source classifications	IEC 62368-1 (Cl: 4.2): 2023 AS/NZS 62368.1 (Cl: 4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.2)
1040	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Equipment containing coin / button cell batteries	IEC 62368-1 (Cl: 4.8): 2023 AS/NZS 62368.1 (Cl: 4.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.8)
1041	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Equipment for direct insertion into mains socket-outlets	IEC 62368-1 (Cl: 4.7): 2023 AS/NZS 62368.1 (Cl: 4.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.7)

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1042	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Equipment mounted to a wall, ceiling or other structure	IEC 62368-1 (Cl: 8.7): 2023 AS/NZS 62368.1 (Cl: 8.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.7)
1043	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Equipment set-up, supply connections and earth connections	IEC 62368-1 (Cl: 5.7.3): 2023 AS/NZS 62368.1 (Cl: 5.7.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.3)
1044	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Equivalent materials or components	IEC 62368-1 (Cl: 4.4.1): 2023 AS/NZS 62368.1 (Cl: 4.4.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.4.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.4.1)
1045	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Examples mentioned in this document	IEC 62368-1 (Cl: 4.1.13): 2023 AS/NZS 62368.1 (Cl: 4.1.13): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.13): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.13)
1046	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Explosion	IEC 62368-1 (Cl: 4.5): 2023 AS/NZS 62368.1 (Cl: 4.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.5)
1047	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	External power supplies, docking stations and other similar devices	AS/NZS 62368.1 (Cl: 6.201)

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1048	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Fire enclosures and fire barriers	IEC 62368-1 (Cl: 6.4.8): 2023 AS/NZS 62368.1 (Cl: 6.4.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.8)
1049	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Fixing of conductors	IEC 62368-1 (Cl: 4.6): 2023 AS/NZS 62368.1 (Cl: 4.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.6)
1050	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Force test	IEC 62368-1 (Cl: 8.8.2): 2023 AS/NZS 62368.1 (Cl: 8.8.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.8.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.8.2)
1051	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	General requirements	IEC 62368-1 (Cl: 5.4.4.1): 2023 AS/NZS 62368.1 (Cl: 5.4.4.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.1)
1052	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	General requirements	IEC 62368-1 (Cl: 6.5.1): 2023 AS/NZS 62368.1 (Cl: 6.5.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.5.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.5.1)

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1053	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Glass slide test	IEC 62368-1 (Cl: 8.6.4): 2023 AS/NZS 62368.1 (Cl: 8.6.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.6.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.6.4)
1054	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	High pressure lamps	IEC 62368-1 (Cl: 8.5.5): 2023 AS/NZS 62368.1 (Cl: 8.5.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.5.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.5.5)
1055	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Horizontal force test and compliance criteria	IEC 62368-1 (Cl: 8.6.5): 2023 AS/NZS 62368.1 (Cl: 8.6.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.6.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.6.5)
1056	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Humidity conditioning	IEC 62368-1 (Cl: 5.4.8): 2023 AS/NZS 62368.1 (Cl: 5.4.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.8)
1057	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Humidity treatment test, AC voltage test	IEC 62368-1 (Cl: 5.4.1.3): 2023 AS/NZS 62368.1 (Cl: 5.4.1.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.3)

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1058	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Inspectional test for Protective bonding conductor	IEC 62368-1 (Cl: 5.6.4.1): 2023 AS/NZS 62368.1 (Cl: 5.6.4.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.1)
1059	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Instructional safeguard requirements	IEC 62368-1 (Cl: 8.5.2): 2023 AS/NZS 62368.1 (Cl: 8.5.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.5.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.5.2)
1060	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulating compound forming solid insulation	IEC 62368-1 (Cl: 5.4.4.3): 2023 AS/NZS 62368.1 (Cl: 5.4.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.3)
1061	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulating compound forming cemented joints	IEC 62368-1 (Cl: 5.4.4.5): 2023 AS/NZS 62368.1 (Cl: 5.4.4.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.5)
1062	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulating surfaces	IEC 62368-1 (Cl: 5.4.1.9): 2023 AS/NZS 62368.1 (Cl: 5.4.1.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.9)

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1063	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulation	IEC 62368-1 (Cl: 5.4.1.1): 2023 AS/NZS 62368.1 (Cl: 5.4.1.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.1)
1064	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulation between the mains and an external circuit consisting of a coaxial cable	IEC 62368-1 (Cl: 5.5.8): 2023 AS/NZS 62368.1 (Cl: 5.5.8): 2022 BS EN IEC 62368-1(A11:2024) (Cl: 5.5.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.8)
1065	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulation in circuits generating starting pulses	IEC 62368-1 (Cl: 5.4.1.7): 2023 AS/NZS 62368.1 (Cl: 5.4.1.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.7)
1066	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulation in transformers with varying dimensions	IEC 62368-1 (Cl: 5.4.1.6): 2023 AS/NZS 62368.1 (Cl: 5.4.1.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.6)
1067	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Insulation of internal wire as a part of a supplementary safeguard	IEC 62368-1 (Cl: 5.4.6): 2023 AS/NZS 62368.1 (Cl: 5.4.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.6)

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1068	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Internal circuit as the source	IEC 62368-1 (Cl: 5.6.4.3): 2023 AS/NZS 62368.1 (Cl: 5.6.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.4.3)
1069	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Internal wiring for socket-outlets	IEC 62368-1 (Cl: 6.5.3): 2023 AS/NZS 62368.1 (Cl: 6.5.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.5.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.5.3)
1070	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Likelihood of fire or shock due to entry of conductive objects	IEC 62368-1 (Cl: 4.9): 2023 AS/NZS 62368.1 (Cl: 4.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.9)
1071	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Mains power supply cords	IEC 62368-1 (Cl: 4.10.3): 2023 AS/NZS 62368.1 (Cl: 4.10.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.10.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.10.3)
1072	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Marking and instructions	IEC 62368-1 (Cl: 8.10.2): 2023 AS/NZS 62368.1 (Cl: 8.10.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.10.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.10.2)

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1073	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Markings and instructions	IEC 62368-1 (Cl: 4.1.15): 2023 AS/NZS 62368.1 (Cl: 4.1.15): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.15): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.15)
1074	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Maximum operating temperatures for materials, components and systems	IEC 62368-1 (Cl: 5.4.1.4): 2023 AS/NZS 62368.1 (Cl: 5.4.1.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.4)
1075	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Measuring devices and networks	IEC 62368-1 (Cl: 5.7.2): 2023 AS/NZS 62368.1 (Cl: 5.7.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.2)
1076	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Mechanical energy source classifications	IEC 62368-1 (Cl: 8.2): 2023 AS/NZS 62368.1 (Cl: 8.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.2)
1077	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Mechanical stability	IEC 62368-1 (Cl: 8.10.5): 2023 AS/NZS 62368.1 (Cl: 8.10.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.10.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.10.5)

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1078	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Mechanical strength test	IEC 62368-1 (Cl: 8.11.3): 2023 AS/NZS 62368.1 (Cl: 8.11.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.11.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.11.3)
1079	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Minimum distance through insulation	IEC 62368-1 (Cl: 5.4.4.2): 2023 AS/NZS 62368.1 (Cl: 5.4.4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.2)
1080	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Mounting means for slide-rail mounted equipment (SRME)	IEC 62368-1 (Cl: 8.11): 2023 AS/NZS 62368.1 (Cl: 8.11): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.11): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.11)
1081	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Optocouplers	IEC 62368-1 (Cl: 5.5.4): 2023 AS/NZS 62368.1 (Cl: 5.5.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.4)
1082	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Orientation during transport and use	IEC 62368-1 (Cl: 4.1.6): 2023 AS/NZS 62368.1 (Cl: 4.1.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.6)

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1083	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Ozone exposure	IEC 62368-1 (Cl: 7.3): 2023 AS/NZS 62368.1 (Cl: 7.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 7.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 7.3)
1084	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Pollution degrees	IEC 62368-1 (Cl: 5.4.1.5): 2023 AS/NZS 62368.1 (Cl: 5.4.1.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.5)
1085	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Power measurement for worst-case load fault	IEC 62368-1 (Cl: 6.2.2.2): 2023 AS/NZS 62368.1 (Cl: 6.2.2.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.2)
1086	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Power measurement for worst-case power source fault	IEC 62368-1 (Cl: 6.2.2.3): 2023 AS/NZS 62368.1 (Cl: 6.2.2.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.3)
1087	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Procedure 1 for determining clearance	IEC 62368-1 (Cl: 5.4.1.2): 2023 AS/NZS 62368.1 (Cl: 5.4.1.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.2)

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1088	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Prospective touch voltage and touch current associated with paired conductor cables	IEC 62368-1 (Cl: 5.7.7.2): 2023 AS/NZS 62368.1 (Cl: 5.7.7.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.7.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.7.2)
1089	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Protection against electrical energy sources	IEC 62368-1 (Cl: 5.3): 2023 AS/NZS 62368.1 (Cl: 5.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.3)
1090	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Protection against energy sources	IEC 62368-1 (Cl: 4.3): 2023 AS/NZS 62368.1 (Cl: 4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.3)
1091	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	PS1	IEC 62368-1 (Cl: 6.2.2.4): 2023 AS/NZS 62368.1 (Cl: 6.2.2.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.4)
1092	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	PS2	IEC 62368-1 (Cl: 6.2.2.5): 2023 AS/NZS 62368.1 (Cl: 6.2.2.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.5)

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1093	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	PS3	IEC 62368-1 (Cl: 6.2.2.6): 2023 AS/NZS 62368.1 (Cl: 6.2.2.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.2.6)
1094	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Reduction of exposure to hazardous substances	IEC 62368-1 (Cl: 7.2): 2023 AS/NZS 62368.1 (Cl: 7.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 7.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 7.2)
1095	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	IEC 62368-1 (Cl: 6.4.2): 2023 AS/NZS 62368.1 (Cl: 6.4.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.2)
1096	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Reduction of the likelihood of ignition under single fault conditions in PS2 circuits and PS3 circuits	IEC 62368-1 (Cl: 6.4.3): 2023 AS/NZS 62368.1 (Cl: 6.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.3)
1097	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Relays	IEC 62368-1 (Cl: 5.5.5): 2023 AS/NZS 62368.1 (Cl: 5.5.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.5)

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1098	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Reliable connection of a protective earthing conductor	IEC 62368-1 (Cl: 5.6.7): 2023 AS/NZS 62368.1 (Cl: 5.6.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.7)
1099	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Relocation stability	IEC 62368-1 (Cl: 8.6.3): 2023 AS/NZS 62368.1 (Cl: 8.6.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.6.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.6.3)
1100	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements	IEC 62368-1 (Cl: 6.3.1): 2023 AS/NZS 62368.1 (Cl: 6.3.1): 2022 BS EN IEC 62368-1(A11:2024) (Cl: 6.3.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.3.1)
1101	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements	IEC 62368-1 (Cl: 8.5.1): 2023 AS/NZS 62368.1 (Cl: 8.5.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.5.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.5.1)
1102	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements	IEC 62368-1 (Cl: 9.3.1): 2023 AS/NZS 62368.1 (Cl: 9.3.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.3.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.3.1)

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1103	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements for interconnection to building wiring	IEC 62368-1 (Cl: 6.5.2): 2023 AS/NZS 62368.1 (Cl: 6.5.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.5.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.5.2)
1104	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements for protective conductors	IEC 62368-1 (Cl: 5.6.2): 2023 AS/NZS 62368.1 (Cl: 5.6.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.2)
1105	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements for protective earthing conductors	IEC 62368-1 (Cl: 5.6.3): 2023 AS/NZS 62368.1 (Cl: 5.6.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.3)
1106	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements for safeguards	IEC 62368-1 (Cl: 9.5): 2023 AS/NZS 62368.1 (Cl: 9.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.5)
1107	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements for wireless power transmitters	IEC 62368-1 (Cl: 9.6): 2023 AS/NZS 62368.1 (Cl: 9.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.6)

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1108	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Requirements when touch current exceeds ES2 limits	IEC 62368-1 (Cl: 5.7.6): 2023 AS/NZS 62368.1 (Cl: 5.7.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.6)
1109	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Resistance of the protective bonding system	IEC 62368-1 (Cl: 5.6.6): 2023 AS/NZS 62368.1 (Cl: 5.6.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.6)
1110	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Resistors	IEC 62368-1 (Cl: 5.5.6): 2023 AS/NZS 62368.1 (Cl: 5.5.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.6)
1111	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Restraining device	AS/NZS 62368.1 (Cl: 8.6.202)
1112	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Restraining device fixing point	AS/NZS 62368.1 (Cl: 8.6.201)
1113	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguard robustness	IEC 62368-1 (Cl: 4.4.3): 2023 AS/NZS 62368.1 (Cl: 4.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.4.3)
1114	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguard robustness	IEC 62368-1 (Cl: 4.4.3): 2023 AS/NZS 62368.1 (Cl: 4.4.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.4.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.4.3)

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1115	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards against fire due to the connection of additional equipment	IEC 62368-1 (Cl: 6.6): 2023 AS/NZS 62368.1 (Cl: 6.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.6)
1116	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards against mechanical energy sources	IEC 62368-1 (Cl: 8.3): 2023 AS/NZS 62368.1 (Cl: 8.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.3)
1117	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards against parts with sharp edges and corners	IEC 62368-1 (Cl: 8.4): 2023 AS/NZS 62368.1 (Cl: 8.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.4)
1118	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards against thermal energy sources	IEC 62368-1 (Cl: 9.4): 2023 AS/NZS 62368.1 (Cl: 9.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.4)
1119	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards against transient voltages from external circuits	IEC 62368-1 (Cl: 5.4.10): 2023 AS/NZS 62368.1 (Cl: 5.4.10): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.10): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.10)

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1120	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safeguards for socket-outlets in outdoor equipment	IEC 62368-1 (Cl: 5.5.9): 2023 AS/NZS 62368.1 (Cl: 5.5.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.9)
1121	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Safety interlocks	IEC 62368-1 (Cl: 4.4.5): 2023 AS/NZS 62368.1 (Cl: 4.4.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.4.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.4.5)
1122	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Separation between external circuits and earth	IEC 62368-1 (Cl: 5.4.11): 2023 AS/NZS 62368.1 (Cl: 5.4.11): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.11): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.11)
1123	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Separation of combustible materials from a PIS	IEC 62368-1 (Cl: 6.4.7): 2023 AS/NZS 62368.1 (Cl: 6.4.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.4.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.4.7)
1124	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Solid insulation in semiconductor devices	IEC 62368-1 (Cl: 5.4.4.4): 2023 AS/NZS 62368.1 (Cl: 5.4.4.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.4)

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1125	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Solid insulation requirements at frequencies higher than 30 kHz	IEC 62368-1 (Cl: 5.4.4.9): 2023 AS/NZS 62368.1 (Cl: 5.4.4.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.9)
1126	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Special categories of equipment containing moving parts	IEC 62368-1 (Cl: 8.5.4): 2023 AS/NZS 62368.1 (Cl: 8.5.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.5.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.5.4)
1127	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Stability test	IEC 62368-1 (Cl: 8.6.1): 2023AS/NZS 62368.1 (Cl: 8.6.1): 2022BS EN IEC 62368-1 (A11:2024) (Cl: 8.6.1): 2024EN IEC 62368-1 (A11:2024) (Cl: 8.6.1)
1128	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Static stability	IEC 62368-1 (Cl: 8.6.2): 2023 AS/NZS 62368.1 (Cl: 8.6.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.6.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.6.2)
1129	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Steady state conditions	IEC 62368-1 (Cl: 4.1.11): 2023 AS/NZS 62368.1 (Cl: 4.1.11): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.11): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.11)

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1130	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Summation of touch currents from external circuits	IEC 62368-1 (Cl: 5.7.8): 2023 AS/NZS 62368.1 (Cl: 5.7.8): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.8): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.8)
1131	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Surge suppressors	IEC 62368-1 (Cl: 5.5.7): 2023 AS/NZS 62368.1 (Cl: 5.5.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.7)
1132	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Telescoping or rod antennas	IEC 62368-1 (Cl: 8.12): 2023 AS/NZS 62368.1 (Cl: 8.12): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.12): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.12)
1133	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Temperature measurements	IEC 62368-1 (Cl: 4.1.10): 2023 AS/NZS 62368.1 (Cl: 4.1.10): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.10): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.10)
1134	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Terminals for protective conductors	IEC 62368-1 (Cl: 5.6.5): 2023 AS/NZS 62368.1 (Cl: 5.6.5): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.6.5): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.6.5)

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1135	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Test method and compliance criteria	IEC 62368-1 (Cl: 9.3.2): 2023 AS/NZS 62368.1 (Cl: 9.3.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.3.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.3.2)
1136	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Tests for semiconductor components and for cemented joints	IEC 62368-1 (Cl: 5.4.7): 2023 AS/NZS 62368.1 (Cl: 5.4.7): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.7): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.7)
1137	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Tests on parts or samples separate from the end-product	IEC 62368-1 (Cl: 4.1.14): 2023 AS/NZS 62368.1 (Cl: 4.1.14): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 4.1.14): 2024 EN IEC 62368-1 (A11:2024) (Cl: 4.1.14)
1138	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Thermal energy source classifications	IEC 62368-1 (Cl: 9.2): 2023 AS/NZS 62368.1 (Cl: 9.2): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 9.2): 2024 EN IEC 62368-1 (A11:2024) (Cl: 9.2)
1139	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Thermoplastic parts on which conductive metallic parts are directly mounted	IEC 62368-1 (Cl: 5.4.1.10): 2023 AS/NZS 62368.1 (Cl: 5.4.1.10): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.10): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.1.10)

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1140	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Thermoplastic temperature stability	IEC 62368-1 (Cl: 8.10.6): 2023 AS/NZS 62368.1 (Cl: 8.10.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.10.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.10.6)
1141	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Thin sheet material	IEC 62368-1 (Cl: 5.4.4.6): 2023 AS/NZS 62368.1 (Cl: 5.4.4.6): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.6): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.4.4.6)
1142	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Touch current from coaxial cables	IEC 62368-1 (Cl: 5.7.7.1): 2023 AS/NZS 62368.1 (Cl: 5.7.7.1): 2022 BS EN IEC 62368-1(A11:2024) (Cl: 5.7.7.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.7.1)
1143	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Transformers	IEC 62368-1 (Cl: 5.5.3): 2023 AS/NZS 62368.1 (Cl: 5.5.3): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.5.3): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.5.3)
1144	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Unearthed accessible parts	IEC 62368-1 (Cl: 5.7.4): 2023 AS/NZS 62368.1 (Cl: 5.7.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 5.7.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 5.7.4)

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1145	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Use of personal safeguards or personal protective equipment (PPE)	IEC 62368-1 (Cl: 7.4): 2023 AS/NZS 62368.1 (Cl: 7.4): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 7.4): 2024 EN IEC 62368-1 (A11:2024) (Cl: 7.4)
1146	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Verification - Classification of power sources (PS) and potential ignition sources (PIS) (General)	IEC 62368-1 (Cl: 6.2.1): 2023 AS/NZS 62368.1 (Cl: 6.2.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 6.2.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 6.2.1)
1147	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Verification - Handle strength (General)	IEC 62368-1 (Cl: 8.8.1): 2023 AS/NZS 62368.1 (Cl: 8.8.1): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.8.1): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.8.1)
1148	ELECTRONICS- IT EQUIPMENT	Audio/video, information and communication technology equipment	Wheels or casters attachment requirements	IEC 62368-1 (Cl: 8.9): 2023 AS/NZS 62368.1 (Cl: 8.9): 2022 BS EN IEC 62368-1 (A11:2024) (Cl: 8.9): 2024 EN IEC 62368-1 (A11:2024) (Cl: 8.9)
1149	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Access to ELV wiring	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.3) (withdrawn)

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1150	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Access to energized parts	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.1) (withdrawn)
1151	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Access to hazardous voltage circuit wiring	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.4) (withdrawn)
1152	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Adhesives for constructional purposes	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.6.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.6.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.6.5) (withdrawn)
1153	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Appliance inlets	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.2.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.2.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.2.4) (withdrawn)
1154	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Audio amplifiers in information technology equipment	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.3.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.3.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.3.6) (withdrawn)

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1155	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Batteries and their protection circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.10.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.10.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.10.4) (withdrawn)
1156	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Battery compartments	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.2) (withdrawn)
1157	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Beads and ceramic insulators	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.1.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.1.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.1.5) (withdrawn)
1158	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Cemented joints	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.5) (withdrawn)
1159	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Clearances in circuits having starting pulses	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.5) (withdrawn)

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1160	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Clearances in primary circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.3) (withdrawn)
1161	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Clearances in secondary circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.4) (withdrawn)
1162	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Coated printed boards	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.6.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.6.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.6.2) (withdrawn)
1163	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Compliance criteria for abnormal operating and fault conditions	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.3.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.3.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.3.9) (withdrawn)
1164	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Conductor sizes to be connected	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.3.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.3.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.3.4) (withdrawn)

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1165	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Connection of limited current circuits to other circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.4.3, Annexure D): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.4.3, Annexure D): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.4.3, Annexure D) (withdrawn)
1166	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Connection of non-detachable power supply cords	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.3.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.3.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.3.2) (withdrawn)
1167	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Connection of TNV circuits to other circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.4) (withdrawn)
1168	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Cord guards	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.2.8): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.2.8): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.2.8) (withdrawn)
1169	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Current rating and overcurrent protection	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.1.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.1.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.1.1) (withdrawn)

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1170	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Determination of working voltage	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.2) (withdrawn)
1171	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Discharge of capacitors in equipment	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.7) (withdrawn)
1172	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Distances through insulation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.2) (withdrawn)
1173	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Drop test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.6) (withdrawn)
1174	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Electric strength	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.2) (withdrawn)

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1175	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Electric strength test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.8.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.8.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.8.3) (withdrawn)
1176	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Electrical requirements and simulated abnormal conditions	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5) (withdrawn)
1177	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Electromechanical components	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.3.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.3.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.3.5) (withdrawn)
1178	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Enclosed and sealed parts	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.12): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.12): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.12) (withdrawn)
1179	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Energy hazards	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.5) (withdrawn)

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1180	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Energy hazards - d.c. mains supplies	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.8): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.8): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.8) (withdrawn)
1181	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Functional insulation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.3.4: 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.3.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.3.4) (withdrawn)
1182	ELECTRONICS- IT EQUIPMENT	Information technology equipment	General	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.1) (withdrawn)
1183	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Handles and manual controls	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.3.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.3.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.3.2) (withdrawn)
1184	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Humidity conditioning	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.9.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.9.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.9.2) (withdrawn)

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1185	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Impact test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.5) (withdrawn)
1186	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Impulse test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 6.2.2.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 6.2.2.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 6.2.2.1) (withdrawn)
1187	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Impulse test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 7.4.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 7.4.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 7.4.3) (withdrawn)
1188	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Inadvertent reactivation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.8.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.8.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.8.3) (withdrawn)
1189	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulating compound as solid insulation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.3) (withdrawn)

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1190	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulation between conductors on different surfaces of a printed board	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.6.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.6.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.6.4) (withdrawn)
1191	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulation in circuits generating starting pulses	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.1.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.1.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.1.7) (withdrawn)
1192	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulation in wound components	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.11): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.11): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.11) (withdrawn)
1193	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulation of conductors	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.1.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.1.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.1.4) (withdrawn)
1194	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Limit values	IEC 60950-1 (A1:2009, A2:2013) (Cl: 1.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 1.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 1.7) (withdrawn)

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1195	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Limit values	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.4.2, Annexure D): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.4.2, Annexure D): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.4.2, Annexure D) (withdrawn)
1196	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Limits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.1) (withdrawn)
1197	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Manual controls	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.1.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.1.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.1.6) (withdrawn)
1198	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Materials	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.7.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.7.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.7.3) (withdrawn)
1199	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Measurement of transient voltages	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.9) (withdrawn)

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1200	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Minimum creepage distances	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.4.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.4.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.4.3) (withdrawn)
1201	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Moving parts	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.8.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.8.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.8.5) (withdrawn)
1202	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Multiple supply connections	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.2.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.2.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.2.2) (withdrawn)
1203	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Non-separable thin sheet material	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.8): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.8): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.8) (withdrawn)
1204	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Number and location of protective devices	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.7.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.7.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.7.3) (withdrawn)

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1205	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Power interface	IEC 60950-1 (A1:2009, A2:2013) (Cl: 1.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 1.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 1.6) (withdrawn)
1206	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Power supply cords	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.2.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.2.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.2.5) (withdrawn)
1207	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Properties of insulating materials	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.9.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.9.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.9.1) (withdrawn)
1208	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection by basic insulation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.2.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.2.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.2.2) (withdrawn)
1209	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection by earthing	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.2.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.2.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.2.3) (withdrawn)

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1210	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection by other constructions	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.2.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.2.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.2.4) (withdrawn)
1211	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection in operator access areas	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.4.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.4.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.4.2) (withdrawn)
1212	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection in restricted access locations	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.3) (withdrawn)
1213	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection in service access areas	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.1.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.1.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.1.2) (withdrawn)
1214	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	IEC 60950-1 (A1:2009, A2:2013) (Cl: 7.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 7.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 7.2) (withdrawn)

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1215	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection of equipment users from overvoltages on the cable distribution system	IEC 60950-1 (A1:2009, A2:2013) (Cl: 7.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 7.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 7.3) (withdrawn)
1216	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protection requirements	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.8.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.8.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.8.2) (withdrawn)
1217	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protective earthing	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.6.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.6.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.6.1) (withdrawn)
1218	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Protective earthing and bonding terminals	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.6.4.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.6.4.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.6.4.2) (withdrawn)
1219	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Reduced values for functional insulation	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.1.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.1.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.1.3) (withdrawn)

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1220	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Resistance of earthing conductors and their terminations	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.6.3.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.6.3.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.6.3.4) (withdrawn)
1221	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Resistance to abnormal heat	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.5.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.5.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.5.5) (withdrawn)
1222	ELECTRONICS- IT EQUIPMENT	Information technology equipment	SELV circuits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.2) (withdrawn)
1223	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Semiconductor devices	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.4) (withdrawn)
1224	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Separable thin sheet material	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.7) (withdrawn)

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1225	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Separation of the telecommunication network from earth	IEC 60950-1 (A1:2009, A2:2013) (Cl: 6.1.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 6.1.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 6.1.2) (withdrawn)
1226	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Separation requirements	IEC 60950-1 (A1:2009, A2:2013) (Cl: 6.2.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 6.2.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 6.2.1) (withdrawn)
1227	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Size of protective bonding conductors	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.6.3.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.6.6.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.6.6.3) (withdrawn)
1228	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Size of protective earthing conductors	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.6.3.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.6.3.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.6.3.2) (withdrawn)
1229	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Stability	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.1) (withdrawn)

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1230	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Steady force test, 10 N	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.2) (withdrawn)
1231	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Steady force test, 250 N	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.4): 2005IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.4): 2010EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.4) (withdrawn)
1232	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Steady force test, 30 N	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.3) (withdrawn)
1233	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Steady-state test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 6.2.2.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 6.2.2.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 6.2.2.2) (withdrawn)
1234	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Stranded wire	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.3.8): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.3.8): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.3.8) (withdrawn)

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1235	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Stress relief test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.7) (withdrawn)
1236	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Supply wiring space	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.2.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.2.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.2.9) (withdrawn)
1237	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Switches and relays	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.8.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.8.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.8.7) (withdrawn)
1238	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Temperature limits for materials	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.5.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.5.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.5.3) (withdrawn)
1239	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Temperature tests	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.5.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.5.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.5.2) (withdrawn)

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1240	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Termination of conductors	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.1.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.1.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.1.9) (withdrawn)
1241	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Test for operating voltages generated externally	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.3.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.3.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.3.5) (withdrawn)
1242	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Test for Pollution Degree 1 environment and for insulating compound	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.10): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.10): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.10) (withdrawn)
1243	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Tests for semiconductor devices and for cemented joints	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.11): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.11): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.11) (withdrawn)
1244	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Thermal conditioning	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.8.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.8.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.8.2) (withdrawn)

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1245	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Thermal cycling	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.9) (withdrawn)
1246	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Thin sheet material - alternative test procedure	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.10): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.10): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.10) (withdrawn)
1247	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Thin sheet material - General	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.6) (withdrawn)
1248	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Thin sheet material - standard test procedure	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.9): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.9): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.9) (withdrawn)
1249	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Touch temperature limits	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.5.4): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.5.4): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.5.4) (withdrawn)

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1250	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Transformers	IEC 60950-1 (A1:2009, A2:2013) (Cl: 5.3.3): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 5.3.3): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 5.3.3) (withdrawn)
1251	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Transients from a d.c. mains supply	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.7): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.7): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.7) (withdrawn)
1252	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Transients from an a.c. mains supply	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.6) (withdrawn)
1253	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Transients from telecommunication networks and cable distribution systems	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.3.8): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.3.8): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.3.8) (withdrawn)
1254	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Uncoated printed boards	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.6.1): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.6.1): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.6.1) (withdrawn)

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1255	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Voltage surge test	IEC 60950-1 (A1:2009, A2:2013) (Cl: 7.4.2): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 7.4.2): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 7.4.2) (withdrawn)
1256	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Wall or ceiling mounted equipment	IEC 60950-1 (A1:2009, A2:2013) (Cl: 4.2.10): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 4.2.10): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 4.2.10) (withdrawn)
1257	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Wire in wound components	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.12): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.12): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.12) (withdrawn)
1258	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Wire with solvent-based enamel in wound components	IEC 60950-1 (A1:2009, A2:2013) (Cl: 2.10.5.13): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 2.10.5.13): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 2.10.5.13) (withdrawn)
1259	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Wiring terminal design	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.3.6): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.3.6): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.3.6) (withdrawn)

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1260	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Wiring terminal sizes	IEC 60950-1 (A1:2009, A2:2013) (Cl: 3.3.5): 2005 IS 13252 part 1 (A1:2013, A2:2015) (Cl: 3.3.5): 2010 EN 60950-1 (A1:2010, A2:2013) (Cl: 3.3.5) (withdrawn)
1261	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Electrostatic Discharges (ESD)	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1262	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Conducted Disturbances, Induced by Radio Frequency Fields	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1263	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Electrical Fast Transient/Bursts	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1264	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Emissions (CE + RE)	IEC 60601-1-2 (Cl: 6.1) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.1) (Withdrawn): 2007 IEC 60601-1-2:2 (Cl: 7)(AMD1: 2020): 2014 EN 60601-1-2:2 (Cl: 7) (AMD1:2021)

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1265	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Power Frequency Magnetic Fields	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1266	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Radiated RF Electromagnetic Fields (using 3m Anechoic Chamber)	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1267	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Surges	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1268	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical electrical equipment and medical electrical systems	Voltage Dips, Short/ Voltage Interruptions	IEC 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 EN 60601-1-2 (Cl: 6.2) (Withdrawn): 2007 IEC 60601-1-2:2 (AMD1: 2020) (Cl: 8): 2014 EN 60601-1-2:2 (AMD1:2021) (Cl: 8)
1269	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment	Fundamental rule of protection against electric shock	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.1, 8.2, 8.3): 2005 IS 13450 (Part 1) (Cl : 8.1, 8.2, 8.3): 2024 EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.1, 8.2, 8.3)

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1270	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Arrangements of controls and indicators of ME EQUIPMENT, Serviceability inspection test	IEC 60601-1 (Amd 1:2012, Amd2: 2020) (Cl : 15.1, 15.2): 2005, IS 13450 (Part 1) (Cl : 15.1, 15.2): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 15.1, 15.2)
1271	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Pressure vessels and parts subject to pneumatic and hydraulic pressure	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 9.7): 2005, IS 13450 (Part 1) (Cl : 9.7): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 9.7)
1272	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Components and wiring	IEC 60601-1 (Amd 1:2012, Amd2: 2020) (Cl : 8.10): 2005, IS 13450 (Part 1) (Cl : 8.10): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.10)
1273	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	CREEPAGE DISTANCES and AIR CLEARANCES	IEC 60601-1 (Amd 1:2012, Amd2: 2020) (Cl : 8.9): 2005, IS 13450 (Part 1) (Cl : 8.9): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.9)
1274	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	General requirements	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 4): 2005, IS 13450 (Part 1) (Cl : 4): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 4)

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1275	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	General requirements for testing ME EQUIPMENT	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 5): 2005, IS 13450 (Part 1) (Cl : 5): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 5)
1276	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Hazardous Situations and fault conditions for ME Equipment	IEC 60601-1 (Amd1:2012,Amd2: 2020) (Cl : 13): 2005, IS 13450 (Part 1) (Cl : 13): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 13)
1277	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Instability Hazards test	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 9.4): 2005, IS 13450 (Part 1) (Cl : 9.4): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 9.4)
1278	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Insulation	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.8): 2005, IS 13450 (Part 1) (Cl : 8.8): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.8)
1279	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Leakage Currents and Patient Auxiliary Currents	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.7): 2005, IS 13450 (Part 1) (Cl : 8.7): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.7)

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1280	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Limitation of voltage, current or energy	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.4): 2005, IS 13450 (Part 1) (Cl : 8.4): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.4)
1281	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mains Parts, components and layout; Cord anchorage	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.11): 2005, IS 13450 (Part 1) (Cl : 8.11): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.11)
1282	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	ME Equipment identification, marking and documents	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 7): 2005, IS 13450 (Part 1) (Cl : 7): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 7)
1283	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Protection against excessive temperatures and other Hazards	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 11): 2005, IS 13450 (Part 1) (Cl : 11): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 11)
1284	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Proximity fields from RF wireless communications equipment	IEC 60601-1-2:2 (AMD1: 2020) (Cl.8): 2014, EN 60601-1-2:2 (AMD1:2021) (Cl.8)
1285	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Electromagnetic compatibility of ME EQUIPMENT and ME SYSTEMS	IEC 60601-1 (Amd 1:2012, Amd2: 2020) (Cl : 17): 2005, IS 13450 (Part 1) (Cl : 17): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 17)

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1286	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Classification of ME EQUIPMENT and ME SYSTEMS-inspection test	IEC 60601-1 (Amd 1:2012, Amd2: 2020) (Cl : 6): 2005IS 13450 (Part 1) (Cl : 6): 2024EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 6)
1287	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mains Supply Transformers of ME Equipment and transformers providing separation in accordance with 8.5.	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 15.5): 2005, IS 13450 (Part 1) (Cl : 15.5): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 15.5)
1288	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	ME Equipment components and general assembly	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 15.4): 2005, IS 13450 (Part 1) (Cl : 15.4): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 15.4): 2006
1289	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	ME SYSTEMS	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 16): 2005, IS 13450 (Part 1) (Cl : 16): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 16)
1290	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Means of Protection (MOP)	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.5): 2005, IS 13450 (Part 1) (Cl : 8.5): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.5) (Excluding 8.5.5)

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1291	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mechanical Hazards associated with support systems	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 9.8): 2005, IS 13450 (Part 1) (Cl : 9.8): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 9.8)
1292	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mechanical Hazards test associated with moving parts	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 9.2): 2005, IS 13450 (Part 1) (Cl : 9.2): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 9.2)
1293	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mechanical Hazards test of ME Equipment and Mechanical Hazard test associated with surfaces, corners and edges, Expelled parts Hazard	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 9.1, 9.3, 9.5): 2005, IS 13450 (Part 1) (Cl: 9.1, 9.3, 9.5): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 9.1, 9.3, 9.5)
1294	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Mechanical strength test	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 15.3): 2005, IS 13450 (Part 1) (Cl : 15.3): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl: 15.3)
1295	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Protection against unwanted and excessive radiation Hazards	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 10.2, 10.4, 10.5, 10.6, 10.7): 2005, IS 13450 (Part 1) (Cl : 10.2, 10.4, 10.5, 10.6, 10.7): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 10.2, 10.4, 10.5, 10.6, 10.7)

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1296	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Protective earthing, functional earthing and potential equalization of ME Equipment	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 8.6): 2005, IS 13450 (Part 1) (Cl : 8.6): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 8.6)
1297	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Test of Programmable Electrical Medical Systems (PEMS)	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 14): 2005, IS 13450 (Part 1) (Cl : 14): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 14)
1298	ELECTRONICS-MEDICAL ELECTRICAL EQUIPMENT	Medical Electrical/electronic equipment (Excluding Defibrillators, X-ray machine, CT scan and radiation based equipment)	Tests of Accuracy of controls and instruments and protection against hazardous outputs	IEC 60601-1 (Amd1:2012, Amd2: 2020) (Cl : 12): 2005, IS 13450 (Part 1) (Cl : 12): 2024, EN 60601-1 (Amd 1: 2013, Amd 12: 2014, Amd 2: 2021) (Cl : 12) Excluding 12.4.5
1299	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Abnormal operation	IEC 60730-1 (Cl: 27): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 27): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 27): 2016 IEC 60730-2-7 (Cl: 27): 2015 BS EN IEC 60730-2-7 (Cl: 27): 2020 BS EN 60730-2-7 (Cl: 27) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 27): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 27)

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1300	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Components (Limited to the verification of Certificates of certified components only)	IEC 60730-1 (Cl: 24): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 24): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 24): 2016 IEC 60730-2-7 (Cl: 24): 2015 BS EN IEC 60730-2-7 (Cl: 24): 2020 BS EN 60730-2-7 (Cl: 24) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 24): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 24)
1301	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Conducted emission (on Telecom port), 8 nos. of Telecom line (CAT5)	IEC 60730-1 (Cl: H.23.1.2): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.23.1.2): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.23.1.2): 2016 IEC 60730-2-7 (Cl: 23, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 23, H.26.5): 2020 BS EN 60730-2-7 (Cl: 23, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 23, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.23.1.2)

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1302	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Constructional requirements	IEC 60730-1 (Cl: 11): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 11): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 11): 2016 IEC 60730-2-7 (Cl: 11): 2015 BS EN IEC 60730-2-7 (Cl: 11): 2020 BS EN 60730-2-7 (withdrawn) (Cl: 11): 2010 EN IEC 60730-2-7 (Cl: 11): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 11)
1303	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Creepage distances, clearances and distances through solid insulation	IEC 60730-1 (Cl: 20): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 20): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 20): 2016 IEC 60730-2-7 (Cl: 20): 2015 BS EN IEC 60730-2-7 (Cl: 20): 2020 BS EN 60730-2-7 (Cl: 20) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 20): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 20)

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1304	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Electric strength and insulation resistance	IEC 60730-1 (Cl: 13): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 13): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 13): 2016 IEC 60730-2-7 (Cl: 13): 2015 BS EN IEC 60730-2-7 (Cl: 13): 2020 BS EN 60730-2-7 (Cl: 13) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 13): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 13)
1305	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Electrical Fast Transient Burst	IEC 60730-1 (Cl: ZD.6): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.6): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.6): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.6)

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1306	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Electrical fast transient/burst test (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.26.9): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.26.9): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.26.9): 2016 IEC 60730-2-7 (Cl: 26.5, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26.5, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.26.9)
1307	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Electromagnetic Compatibility EMC requirements-immunity	IEC 60730-1 (Cl: 26, H.26): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 26, H.26): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 26, H.26): 2016 IEC 60730-2-7 (Cl: 26, H.26): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26): 2020 BS EN 60730-2-7 (Cl: 26, H.26) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: Cl: 26, H.26): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 26, H.26)

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1308	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Electrostatic Discharge test (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.26.11): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.26.11): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.26.11): 2016 IEC 60730-2-7 (Cl: 26.5, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26.5, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.26.11)
1309	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Endurance	IEC 60730-1 (Cl: 17): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 17): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 17): 2016 IEC 60730-2-7 (Cl: 17): 2015 BS EN IEC 60730-2-7 (Cl: 17): 2020 BS EN 60730-2-7 (Cl: 17) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 17): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 17)

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1310	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Environmental stress	IEC 60730-1 (Cl: 16): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 16): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 16): 2016 IEC 60730-2-7 (Cl: 16): 2015 BS EN IEC 60730-2-7 (Cl: 16): 2020 BS EN 60730-2-7 (Cl: 16) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 16): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 16)
1311	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Heating	IEC 60730-1 (Cl: 14): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 14): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 14): 2016 IEC 60730-2-7 (Cl: 14): 2015 BS EN IEC 60730-2-7 (Cl: 14): 2020 BS EN 60730-2-7 (Cl: 14) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 14): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 14)

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1312	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 60730-1 (Cl: ZD.10): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.10): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.10): 2016 IEC 60730-2-7 (Cl: 26): 2015 BS EN IEC 60730-2-7 (Cl: 26): 2020 BS EN 60730-2-7 (Cl: 26) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.10)
1313	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Immunity to Electromagnetic HF Field using Anechoic Chamber	IEC 60730-1 (Cl: ZD.7): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.7): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.7): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.7)

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1314	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Immunity to Electromagnetic HF Field using GTEM Cell	IEC 60730-1 (Cl: ZD.10): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.10): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.10): 2016 IEC 60730-2-7 (Cl: 26): 2015 BS EN IEC 60730-2-7 (Cl: 26): 2020 BS EN 60730-2-7 (Cl: 26) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.10)
1315	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Immunity to Electromagnetic HF Field using GTEM Cell	IEC 60730-1 (Cl: ZD.7): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.7): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.7): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.7)

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1316	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Immunity to Electrostatic Discharges	IEC 60730-1 (Cl: ZD.7): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.7): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.7): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.7)
1317	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Information	IEC 60730-1 (Cl: 7): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 7): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 7): 2016 IEC 60730-2-7 (Cl: 7): 2015 BS EN IEC 60730-2-7 (Cl: 7): 2020 BS EN 60730-2-7 (Cl: 7) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 7): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 7)

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1318	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Manufacturing deviation and drift	IEC 60730-1 (Cl: 15): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 15): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 15): 2016 IEC 60730-2-7 (Cl: 15): 2015 BS EN IEC 60730-2-7 (Cl: 15): 2020 BS EN 60730-2-7 (Cl: 15) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 15): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 15)
1319	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Mechanical strength	IEC 60730-1 (Cl: 18): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 18): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 18): 2016 IEC 60730-2-7 (Cl: 18): 2015 BS EN IEC 60730-2-7 (Cl: 18): 2020 BS EN 60730-2-7 (Cl: 18) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 18): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 18)

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1320	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Moisture and dust resistance	IEC 60730-1 (Cl: 12): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 12): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 12): 2016 IEC 60730-2-7 (Cl: 12): 2015 BS EN IEC 60730-2-7 (Cl: 12): 2020 BS EN 60730-2-7 (Cl: 12) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 12): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 12)
1321	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Normal operation	IEC 60730-1 (Cl: 25): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 25): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 25): 2016 IEC 60730-2-7 (Cl: 25): 2015 BS EN IEC 60730-2-7 (Cl: 25): 2020 BS EN 60730-2-7 (Cl: 25) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 25): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 25)

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1322	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Power Frequency Magnetic Field	IEC 60730-1 (Cl: ZD.9): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.9): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.9): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.9)
1323	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Power frequency magnetic field immunity test (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.26.14): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.26.14): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.26.14): 2016 IEC 60730-2-7 (Cl: H.26.14, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: H.26.14, H.26.5): 2020 BS EN 60730-2-7 (Cl: H.26.14, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: H.26.14, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.26.14)

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1324	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Protection against electric shock	IEC 60730-1 (Cl: 8): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 8): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 8): 2016 IEC 60730-2-7 (Cl: 8): 2015 BS EN IEC 60730-2-7 (Cl: 8): 2020 BS EN 60730-2-7 (Cl: 8) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 8): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 8)
1325	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Provision for protective earthing	IEC 60730-1 (Cl: 9): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 9): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 9): 2016 IEC 60730-2-7 (Cl: 9): 2015 BS EN IEC 60730-2-7 (Cl: 9): 2020 BS EN 60730-2-7 (Cl: 9) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 9): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 9)

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1326	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Radio Frequency emission (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.23.1.2, Table H.12): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.23.1.2, Table H.12): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.23.1.2, Table H.12): 2016 IEC 60730-2-7 (Cl: H.23.1.2, Table H.12, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: H.23.1.2, Table H.12, H.26.5): 2020 BS EN 60730-2-7 (Cl: H.23.1.2, Table H.12, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: H.23.1.2, Table H.12, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.23.1.2, Table
1327	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Radio interference Measurements (CE, RE)	IEC 60730-1 (Cl: 23): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 23): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 23): 2016 IEC 60730-2-7 (Cl: 23, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 23, H.26.5): 2020 BS EN 60730-2-7 (Cl: 23, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 23, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 23)

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1328	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Radio-frequency electromagnetic field immunity (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.26.12): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.26.12): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.26.12): 2016 IEC 60730-2-7 (Cl: H.26.12, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: H.26.12, H.26.5): 2020 BS EN 60730-2-7 (Cl: H.26.12, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: H.26.12, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.26.12)
1329	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Resistance to corrosion	IEC 60730-1 (Cl: 22): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 22): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 22): 2016 IEC 60730-2-7 (Cl: 22): 2015 BS EN IEC 60730-2-7 (Cl: 22): 2020 BS EN 60730-2-7 (Cl: 22) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 22): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 22)

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1330	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Resistance to heat, fire and tracking	IEC 60730-1 (Cl: 21): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 21): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 21): 2016 IEC 60730-2-7 (Cl: 21): 2015 BS EN IEC 60730-2-7 (Cl: 21): 2020 BS EN 60730-2-7 (Cl: 21) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 21): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 21)
1331	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Surge Immunity Power ports, Telecomm port	IEC 60730-1 (Cl: ZD.5): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.5): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.5): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.5)

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1332	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Surge immunity test (Electromagnetic Compatibility)	IEC 60730-1 (Cl: H.26.8): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: H.26.8): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: H.26.8): 2016 IEC 60730-2-7 (Cl: 26.5, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26.5, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26.5, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: H.26.8)
1333	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Terminals and terminations	IEC 60730-1 (Cl: 10): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 10): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 10): 2016 IEC 60730-2-7 (Cl: 10): 2015 BS EN IEC 60730-2-7 (Cl: 10): 2020 BS EN 60730-2-7 (Cl: 10) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 10): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 10)

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1334	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Test of Immunity to Conducted Disturbances, Induced by Radio Frequency Fields -as per CDN/ISN method -Power/ Telecom Ports	IEC 60730-1 (Cl: ZD.7): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.7): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.7): 2016 IEC 60730-2-7 (Cl: 26, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.7)
1335	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Threaded parts and connections Contacts gaps	IEC 60730-1 (Cl: 19): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 19): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 19): 2016 IEC 60730-2-7 (Cl: 19): 2015 BS EN IEC 60730-2-7 (Cl: 19): 2020 BS EN 60730-2-7 (Cl: 19) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 19): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 19)

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1336	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Voltage Dips & Interruptions	IEC 60730-1 (Cl: ZD.10): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: ZD.10): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: ZD.10): 2016 IEC 60730-2-7 (Cl: 26): 2015 BS EN IEC 60730-2-7 (Cl: 26): 2020 BS EN 60730-2-7 (Cl: 26) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: ZD.10)
1337	ELECTRONICS-SAFETY TESTING FACILITY	Automatic electrical controls for household and similar use	Voltage dips & voltage interruptions in the power supply network (Electromagnetic Compatibility)	IEC 60730-1 (Cl: 26.5, H.13): 2022 IEC 60730-1 (Amd 1:2015, Amd 2:2020) (Cl: 26.5, H.13): 2013 BS EN 60730-1 (Amd 1:2019, Amd 2: 2022, Amd 11:2024) (Cl: 26.5, H.13): 2016 IEC 60730-2-7 (Cl: 26.5, H.13, H.26.5): 2015 BS EN IEC 60730-2-7 (Cl: 26.5, H.13, H.26.5): 2020 BS EN 60730-2-7 (Cl: 26.5, H.13, H.26.5) (withdrawn): 2010 EN IEC 60730-2-7 (Cl: 26.5, H.13, H.26.5): 2020 EN IEC 60730-1 (Amd11: 2024) (Cl: 26.5, H.13)
1338	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Components and subassemblies	IEC 61010-1 (Amd 1:2016)(Cl: 14): 2010 EN 61010-1 (Amd 1:2019)(Cl: 14)

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1339	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Equipment temperature limits and resistance to heat	IEC 61010-1 (Amd 1:2016)(Cl: 10): 2010 EN 61010-1 (Amd 1:2019)(Cl: 10)
1340	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	HAZARDS resulting from application	IEC 61010-1 (Amd 1:2016)(Cl: 16): 2010 EN 61010-1 (Amd 1:2019)(Cl: 16)
1341	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Marking and documentation	IEC 61010-1 (Amd 1:2016)(Cl: 5): 2010 EN 61010-1 (Amd 1:2019)(Cl: 5)
1342	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Protection against electric shock	IEC 61010-1 (Amd 1:2016)(Cl: 6): 2010 EN 61010-1 (Amd 1:2019)(Cl: 6)
1343	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Protection against HAZARDS from fluids	IEC 61010-1 (Amd 1:2016)(Cl: 11): 2010 EN 61010-1 (Amd 1:2019)(Cl: 11)
1344	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Protection Against Mechanical Hazards	IEC 61010-1 (Amd 1:2016)(Cl: 7): 2010 EN 61010-1 (Amd 1:2019)(Cl: 7)
1345	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Protection against the spread of fire	IEC 61010-1 (Amd 1:2016)(Cl: 9): 2010 EN 61010-1 (Amd 1:2019)(Cl: 9)
1346	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Protection by interlocks	IEC 61010-1 (Amd 1:2016)(Cl: 15): 2010 EN 61010-1 (Amd 1:2019)(Cl: 15)
1347	ELECTRONICS-SAFETY TESTING FACILITY	Electrical equipment for measurement, control, and laboratory use	Resistance to mechanical stresses	IEC 61010-1 (Amd 1:2016)(Cl: 8): 2010 EN 61010-1 (Amd 1:2019)(Cl: 8)

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1348	ELECTRONICS-SAFETY TESTING FACILITY	Enclosures for household accessories	Markings	IS 14772
1349	ELECTRONICS-SAFETY TESTING FACILITY	Enclosures for household accessories	Resistance against ingress of solid objects (IP 5X)	IS 14772
1350	ELECTRONICS-SAFETY TESTING FACILITY	Enclosures for household accessories	Resistance of Insulating Material to Abnormal Heat and Fire	IS 14772
1351	ELECTRONICS-SAFETY TESTING FACILITY	Enclosures for household accessories	Resistance to Harmful Ingress of Water (IPX1 to IPX4)	IS 14772
1352	ELECTRONICS-SAFETY TESTING FACILITY	Enclosures for household accessories	Resistance to humid conditions	IS 14772
1353	FLUID FLOW- AIR & GASES	1	Additional functionalities	EN 1359, (Cl. 6.6.8): 2017, BS EN 1359, (Cl. 6.6.8)
1354	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Cyclic volume	EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, EN 1359, (Cl. 5.8): 2017, BS EN 1359, (Cl. 5.8)
1355	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Environment and humidity	EN 1359, (Amd-1: 2006,) (Cl. 5.6) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.6) (Whithdrawn): 1998, EN 1359, (Cl. 5.6): 2017, BS EN 1359, (Cl. 5.6)

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1356	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Error of indication	EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, EN 1359, (Cl. 5.2): 2017, BS EN 1359, (Cl. 5.2)
1357	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Influence of other devices attached to the meter	EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, EN 1359, (Cl. 5.7): 2017, BS EN 1359, (Cl. 5.7)
1358	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Metrological stability	EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, EN 1359, (Cl. 5.4): 2017, BS EN 1359, (Cl. 5.4)
1359	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Bell Prover)	Overload flow rate	EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, EN 1359, (Cl. 5.5): 2017, BS EN 1359, (Cl. 5.5)
1360	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench Combical)	Cyclic volume	EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, EN 1359, (Cl. 5.8): 2017, BS EN 1359, (Cl. 5.8)

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1361	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench Combical)	Error of indication	EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, EN 1359, (Cl. 5.2): 2017, BS EN 1359, (Cl. 5.2)
1362	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench Combical)	Influence of other devices attached to the meter	EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, EN 1359, (Cl. 5.7): 2017, BS EN 1359, (Cl. 5.7)
1363	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench Combical)	Metrological stability	EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, EN 1359, (Cl. 5.4): 2017, BS EN 1359, (Cl. 5.4)
1364	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench Combical)	Overload flow rate	EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, EN 1359, (Cl. 5.5): 2017, BS EN 1359, (Cl. 5.5)
1365	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Cyclic volume	EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.8) (Whithdrawn): 1998, EN 1359, (Cl. 5.8): 2017, BS EN 1359, (Cl. 5.8)

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1366	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Environment and humidity	EN 1359, (Amd-1: 2006,) (Cl. 5.6) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.6) (Whithdrawn): 1998, EN 1359, (Cl. 5.6): 2017, BS EN 1359, (Cl. 5.6)
1367	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Error of indication	EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, EN 1359, (Cl. 5.2): 2017, BS EN 1359, (Cl. 5.2)
1368	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Influence of other devices attached to the meter	EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.7) (Whithdrawn): 1998, EN 1359, (Cl. 5.7): 2017, BS EN 1359, (Cl. 5.7)
1369	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Metrological stability	EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.4) (Whithdrawn): 1998, EN 1359, (Cl. 5.4): 2017, BS EN 1359, (Cl. 5.4)
1370	FLUID FLOW- AIR & GASES	Diaphragm Gas Meter (Test Bench ITF10)	Overload flow rate	EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.5) (Whithdrawn): 1998, EN 1359, (Cl. 5.5): 2017, BS EN 1359, (Cl. 5.5)
1371	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Adhesion	EN 1359, (Cl. 8.3.4): 2017, BS EN 1359, (Cl. 8.3.4)

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1372	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Ageing	EN 1359, (Amd-1: 2006,) (Cl. 7.3.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.3.4) (Whithdrawn): 1998, EN 1359, (Cl. 7.3.5): 2017, BS EN 1359, (Cl. 7.3.5)
1373	FLUID FLOW- AIR & GASES	Diaphragm gas meters	All meters	EN 1359, (Amd-1: 2006,) (Cl. 8.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 8.1) (Whithdrawn): 1998, EN 1359, (Cl. 8.1): 2017, BS EN 1359, (Cl. 8.1)
1374	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Bending moment	EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.3.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.3.2) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.6.3.2): 2017, BS EN 1359, (Cl. 6.3.6.3.2)
1375	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Construction and materials (General)	EN 1359, (Amd-1: 2006,) (Cl. 6.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.1): 2017, BS EN 1359, (Cl. 6.1)
1376	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Construction details	EN 1359, (Amd-1: 2006,) (Cl. 7.2.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.2.1) (Whithdrawn): 1998, EN 1359, (Cl. 7.2.1): 2017, BS EN 1359, (Cl. 7.2.1)

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1377	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Devices to prevent reverse flow	EN 1359, (Amd-1: 2006,) (Cl. 6.5.4.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.5.4.2) (Whithdrawn): 1998, EN 1359, (Cl. 6.6.5): 2017, BS EN 1359, (Cl. 6.6.5)
1378	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Devices to prevent the registration of reverse flow	EN 1359, (Amd-1: 2006,) (Cl. 6.5.4.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.5.4.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.6.4): 2017, BS EN 1359, (Cl. 6.6.4)
1379	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Diaphragms and other components in the gas path	EN 1359, (Amd-1: 2006,) (Cl. 7.3.1) (Whithdrawn): 1998,
1380	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Durability	EN 1359, (Amd-1: 2006,) (Cl. 7.1.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.1.2) (Whithdrawn): 1998, EN 1359, (Cl. 7.1.2): 2017, BS EN 1359, (Cl. 7.1.2)
1381	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Durability and legibility of marking	EN 1359, (Amd-1: 2006,) (Cl. 8.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 8.3) (Whithdrawn): 1998, EN 1359, (Cl. 8.3): 2017, BS EN 1359, (Cl. 8.3)
1382	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Electrical insulating feet	EN 1359, (Cl. 6.6.2): 2017, BS EN 1359, (Cl. 6.6.2)
1383	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Error of indication subject to declared ambient temperature limits	EN 1359, (Cl. 7.1.4): 2017, BS EN 1359, (Cl. 7.1.4)

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1384	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Examination	IS 14439 (Part 2) (Reaffirmed: 2003, Amend 1: 2008, Amend: 2009, Amend 3: 2014,)(Cl. 8.2)
1385	FLUID FLOW- AIR & GASES	Diaphragm gas meters	External leak tightness	EN 1359, (Amd-1: 2006,) (Cl. 6.2.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.2) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.3): 2017, BS EN 1359, (Cl. 6.3.3)
1386	FLUID FLOW- AIR & GASES	Diaphragm gas meters	General (Test Element)	IS 14439 (Part 2) (Reaffirmed: 2003, Amend 1: 2008, Amend: 2009, Amend 3: 2014,) (Cl. 5.1)
1387	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Indelibility	EN 1359, (Amd-1: 2006,) (Cl. 8.3.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 8.3.3) (Whithdrawn): 1998, EN 1359, (Cl. 8.3.3): 2017, BS EN 1359, (Cl. 8.3.3)
1388	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Index windows and surround	EN 1359, (Amd-1: 2006,) (Cl. 7.2.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.2.2) (Whithdrawn): 1998, EN 1359, (Cl. 7.2.2): 2017, BS EN 1359, (Cl. 7.2.2)
1389	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Insulating feet	EN 1359, (Amd-1: 2006,) (Cl. 6.5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.5.2) (Whithdrawn)

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1390	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Magnetic index drive	EN 1359, (Amd-1: 2006,) (Cl. 6.5.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.5.3) (Whithdrawn): 1998, EN 1359, (Cl. 6.6.3): 2017, BS EN 1359, (Cl. 6.6.3)
1391	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Maximum permissible errors	IS 14439 (Part 2) (Reaffirmed: 2003, Amend 1: 2008, Amend: 2009, Amend 3: 2014,) (Cl. 6)
1392	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Mechanical interference (Resistance to interference)	EN 1359, (Cl. 6.2.1)
1393	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Meter assembly (General)	EN 1359, (Amd-1: 2006,) (Cl. 7.1.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.1.1) (Whithdrawn): 1998, EN 1359, (Cl. 7.1.1): 2017, BS EN 1359, (Cl. 7.1.1)
1394	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Meter case	EN 1359, (Amd-1: 2006,) (Cl. 6.2.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.2): 2017, BS EN 1359, (Cl. 6.3.2)
1395	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Meter case sealing	EN 1359, (Amd-1: 2006,) (Cl. 6.2.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.4) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.5): 2017, BS EN 1359, (Cl. 6.3.5)
1396	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Meter error of indication at declared gas temperature limits	EN 1359, (Cl. 7.1.3): 2017, BS EN 1359, (Cl. 7.1.3)

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1397	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Meter error of indication at declared ambient and gas temperature limits	EN 1359, (Amd-1: 2006,) (Cl. 7.1.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.1.3) (Whithdrawn)
1398	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Orientation	EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.6.1): 2017, BS EN 1359, (Cl. 6.3.6.1)
1399	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Pressure absorption	EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.2) (Whithdrawn): 1998, EN 1359, (Cl. 5.2): 2017, BS EN 1359, (Cl. 5.2)
1400	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Pressure absorption	IS 14439 (Part 2) (Reaffirmed: 2003, Amend 1: 2008, Amend: 2009, Amend 3: 2014,) (Cl. 7)
1401	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Pressure measuring point	EN 1359, (Amd-1: 2006,) (Cl. 6.6.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.6.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.5.1): 2017, BS EN 1359, (Cl. 6.5.1)
1402	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Requirements for diaphragms and non-rubber components in the gas path	EN 1359, (Cl. 7.3.1): 2017, BS EN 1359, (Cl. 7.3.1)
1403	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Requirements for rubber components in the gas path	EN 1359, (Cl. 7.3.2): 2017, BS EN 1359, (Cl. 7.3.2)

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1404	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to high temperatures	BS EN 1359, (Cl. 6.6.6)
1405	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to high temperatures	EN 1359, (Amd-1: 2006,) (Cl. 6.5.5) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.5.5) (Whithdrawn): 1998, EN 1359, (Cl. 6.6.6): 2017, BS EN 1359, (Cl. 6.6.6)
1406	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to impact	EN 1359, (Amd-1: 2006,) (Cl. 6.2.7) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.7) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.8): 2017, BS EN 1359, (Cl. 6.3.8)
1407	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to Internal Pressure	EN 1359, (Amd-1: 2006,) (Cl. 6.2.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.3) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.4): 2017, BS EN 1359, (Cl. 6.3.4)
1408	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to mishandling	EN 1359, (Amd-1: 2006,) (Cl. 6.2.8) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.8) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.9): 2017, BS EN 1359, (Cl. 6.3.9)
1409	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to salt spray	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.5) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.5) (Whithdrawn): 1998, EN 1359, (Cl. 6.4.2.5): 2017, BS EN 1359, (Cl. 6.4.2.5)

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1410	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to storage temperature range	EN 1359, (Amd-1: 2006,) (Cl. 6.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.4) (Whithdrawn): 1998, EN 1359, (Cl. 6.5): 2017, BS EN 1359, (Cl. 6.5)
1411	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Resistance to vibration	EN 1359, (Amd-1: 2006,) (Cl. 6.2.6) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.6) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.7): 2017, BS EN 1359, (Cl. 6.3.7)
1412	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Robustness (General)	EN 1359, (Amd-1: 2006,) (Cl. 6.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.1): 2017, BS EN 1359, (Cl. 6.3.1)
1413	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Starting flow rate	EN 1359, (Amd-1: 2006,) (Cl. 5.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 5.3) (Whithdrawn): 1998, EN 1359, (Cl. 5.3): 2017, BS EN 1359, (Cl. 5.3)
1414	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Test Elecment of a Mechanical Indicating devices (Test Element)	IS 14439 (Part 2) (Reaffirmed: 2003, Amend 1: 2008, Amend: 2009, Amend 3: 2014,) (Cl. 5.2)

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1415	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Threads and flanges for single and two pipe meters	EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.2) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.6.2): 2017, BS EN 1359, (Cl. 6.3.6.2)
1416	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Toluene/iso-octane vapour test	EN 1359, (Amd-1: 2006,) (Cl. 7.3.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.3.2) (Whithdrawn): 1998, EN 1359, (Cl. 7.3.3): 2017, BS EN 1359, (Cl. 7.3.3)
1417	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Torque	EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.3.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.2.5.3.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.3.6.3.1): 2017, BS EN 1359, (Cl. 6.3.6.3.1)
1418	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Two-pipe meters	EN 1359, (Amd-1: 2006,) (Cl. 8.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 8.2) (Whithdrawn): 1998, EN 1359, (Cl. 8.2): 2017, BS EN 1359, (Cl. 8.2)
1419	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Ultraviolet exposure test	EN 1359, (Amd-1: 2006,) (Cl. 8.3.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 8.3.2) (Whithdrawn): 1998, EN 1359, (Cl. 8.3.2): 2017, BS EN 1359, (Cl. 8.3.2)

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1420	FLUID FLOW- AIR & GASES	Diaphragm gas meters	Water vapour test	EN 1359, (Amd-1: 2006,) (Cl. 7.3.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 7.3.3) (Whithdrawn): 1998, EN 1359, (Cl. 7.3.4): 2017, BS EN 1359, (Cl. 7.3.4)
1421	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Adhesion of the protective coating	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.2) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.1) (Whithdrawn)
1422	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Adhesion of the protective coating	EN 1359, (Cl. 6.4.2.2): 2017, EN 1359, (Cl. 6.4.3.1): 2017, BS EN 1359, (Cl. 6.4.2.2): 2017, BS EN 1359, (Cl. 6.4.3.1)
1423	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Chemical resistance of the protective coating	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.4) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.4) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.3) (Whithdrawn)
1424	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Chemical resistance of the protective coating	EN 1359, (Cl. 6.4.2.4): 2017, EN 1359, (Cl. 6.4.3.3): 2017, BS EN 1359, (Cl. 6.4.2.4): 2017, BS EN 1359, (Cl. 6.4.3.3)

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1425	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Impact resistance of the protective coating	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.3) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.2) (Whithdrawn)
1426	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Impact resistance of the protective coating	EN 1359, (Cl. 6.4.2.3): 2017, EN 1359, (Cl. 6.4.3.2): 2017, BS EN 1359, (Cl. 6.4.2.3): 2017, BS EN 1359, (Cl. 6.4.3.2)
1427	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Resistance to humidity	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.6) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.2.3) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.1.4) (Whithdrawn): 1998, EN 1359, (Amd-1: 2006,) (Cl. 6.3.3.2.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.6) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.2.3) (Whithdrawn)
1428	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Resistance to humidity	EN 1359, (Cl. 6.4.2.6): 2017, EN 1359, (Cl. 6.4.3.4): 2017, BS EN 1359, (Cl. 6.4.2.6): 2017, BS EN 1359, (Cl. 6.4.3.4)

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1429	FLUID FLOW- AIR & GASES	Diaphragm gas meters (meter body material Plaque)	Scratch resistance of the protective coating	EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. 6.3.2.1.1) (Whithdrawn): 1998, EN 1359, (Cl. 6.4.2.1): 2017, BS EN 1359, (Cl. 6.4.2.1)
1430	FLUID FLOW- AIR & GASES	Diaphragm gas meters with additional functionalities	Electromagnetic interference	BS EN 1359, (Cl. 6.2.2): 2017, EN 1359, (Cl. 6.2.2)
1431	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Durability (Diaphragm gas meters provided with a built-in gas temperature conversion device:Metrological performance)	EN 1359, (Amd-1: 2006,) (Cl. B.2.2) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. B.2.2) (Whithdrawn): 1998, EN 1359, (Cl. B.2.4): 2017, BS EN 1359, (Cl. B.2.4)
1432	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Error of indication subject to declared ambient temperature limits (Diaphragm gas meters provided with a built-in gas temperature conversion device)	EN 1359, (Cl. B.2.2): 2017, BS EN 1359, (Cl. B.2.2)
1433	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Error of indication where the gas and ambient temperatures are not equal (Diaphragm gas meters provided with a built-in gas temperature conversion device)	EN 1359, (Cl. B.2.3): 2017, BS EN 1359, (Cl. B.2.3)

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1434	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Errors of indication at constant temperature (Diaphragm gas meters provided with a built-in mechanical gas temperature conversion device : Metrological performance)	EN 1359, (Amd-1: 2006,) (Cl. B.2.1) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. B.2.1) (Whithdrawn)
1435	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Errors of indication at declared gas temperature range (Diaphragm gas meters provided with a built-in gas temperature conversion device)	EN 1359, (Cl. B.2.1): 2017, BS EN 1359, (Cl. B.2.1)
1436	FLUID FLOW- AIR & GASES	Diaphragm gas meters with temperature conversion device	Marking (Diaphragm gas meters provided with a built-in gas temperature conversion device)	EN 1359, (Amd-1: 2006,) (Cl. B.3) (Whithdrawn): 1998, BS EN 1359, (Amd-1: 2006,) (Cl. B.3) (Whithdrawn): 1998, EN 1359, (Cl. B.3): 2017, BS EN 1359, (Cl. B.3)
1437	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Gas volume meters with Mechanical indicating devices	Mechanical Indicating Device (Indicating devices and test element)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 6.1.2)
1438	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters and metals and their alloys, metallic coatings (anodic and cathodic), conversion coatings, anodic oxide coatings, organic coatings on metallic materials	Acetic acid salt spray test (Corrosion tests in artificial atmospheres)	EVS EN ISO 9227, (Amned 1202, 4) (Cl. 5.2.3)
1439	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters and metals and their alloys, metallic coatings (anodic and cathodic), conversion coatings, anodic oxide coatings, organic coatings on metallic materials	Copper-accelerated acetic acid salt spray test (Corrosion tests in artificial atmospheres)	EVS EN ISO 9227, (Amned 1202, 4) (Cl. 5.2.4)

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1440	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters and metals and their alloys, metallic coatings (anodic and cathodic), conversion coatings, anodic oxide coatings, organic coatings on metallic materials	Neutral salt spray test (Corrosion tests in artificial atmospheres)	EVS EN ISO 9227, (Amned 1202, 4)(Cl. 5.2.2)
1441	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters and metals and their alloys, metallic coatings (anodic and cathodic), conversion coatings, anodic oxide coatings, organic coatings on metallic materials	NEUTRAL SALT SPRAY TEST (methods of testing corrosion resistance of electroplated and anodized aluminium coatings)	IS 9844, (Reaffirmed 2006,)
1442	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters Electromechanical or Electronic Indicating Device	Electromechanical or Electronic Indicating Device (Indicating devices and test element)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 6.1.3)
1443	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	AC mains voltage dips and short interruptions	OIML R 137-1 & 2 (Cl. A.7.3)
1444	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	AC mains voltage variation	OIML R 137-1 & 2 (Cl. A.7.2)
1445	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Bursts (transients) on AC and DC mains	OIML R 137-1 & 2 (Cl. A.7.5)
1446	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Bursts (transients) on signal, data and control lines	OIML R 137-1 & 2 (Cl. A.6.3)
1447	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Cold: influence test (Static temperatures) (Performance tests (climatic)	OIML R 137 Part 2 (Amend 2014,) (Cl. A.4.1.2)

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1448	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Conducted radio-frequency fields: influence test (Radio frequency immunity tests) (Performance tests (electrical, general))	OIML R 137-1 & 2 (Cl. A.6.1.2)
1449	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Damp heat, cyclic (condensing): disturbance test (Damp heat) (Static temperatures) (Performance tests (climatic)	OIML R 137 Part 2 (Amend 2014,) (Cl. A.4.2.2)
1450	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Damp heat, steady-state (non condensing): influence test (Damp heat) (Static temperatures) (Performance tests (climatic)	OIML R 137 Part 2 (Amend 2014,) (Cl. A.4.2.1)
1451	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	DC mains voltage variation	OIML R 137-1 & 2 (Cl. A.7.1)
1452	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Dry heat (non condensing): influence test (Static temperatures) (Performance tests (climatic)	OIML R 137 Part 2 (Amend 2014,) (Cl. A.4.1.1)
1453	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Electronics	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.13.7): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.15)

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1454	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Low voltage of internal battery (not connected to the mains power): influence test (Performance test (battery powered instrument))	OIML R 137 Part 2 (Amend 2014,) (Cl. A.8)
1455	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Mechanical shock: disturbance test	OIML R 137 Part 2 (Amend 2014,) (Cl. A.5.2)
1456	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Radiated, RF, electromagnetic fields: disturbance test (Radio frequency immunity tests) Performance tests (electrical, general)	OIML R 137-1 & 2 (Cl. A.6.1.1)
1457	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Surges on AC and DC mains	OIML R 137-1 & 2 (Cl. A.7.6)
1458	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Surges on signal, data and control lines	OIML R 137-1 & 2 (Cl. A.6.4)
1459	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Vibration (random): disturbance test (Performance tests (mechanical)	OIML R 137 Part 2 (Amend 2014,) (Cl. A.5.1)
1460	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic devices	Voltage dips, short interruptions and voltage variations on DC mains power disturbance test	OIML R 137-1 & 2 (Cl. A.7.4)
1461	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Application Conditions for Electronic Gas (Provision for electronic gas volume meters)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 10.1)

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1462	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Batter Power Supply (Provision for electronic gas volume meters)	IS 14439 (Part 1) (Reaffirmed 2003,) (Cl. 10.4)
1463	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Cold test	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. B-2) (Annex B)
1464	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Damp heat, Cyclic	IS 14439 (Part 1) (Reaffirmed 2003,)(Annex B) (Cl. B-3)
1465	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Disturbances (Provision for electronic gas volume meters)	IS 14439 (Part 1) (Reaffirmed 2003,) (Cl. 10.3)
1466	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Dry heat test (non-condensing)	IS 14439 (Part 1) (Reaffirmed 2003)(Cl. B-1) (Annex B)
1467	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Electrical Bursts	IS 14439 (Part 1) (Reaffirmed 2003)(Annex B) (Cl. B-8)
1468	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Electromagnetic Susceptability	IS 14439 (Part 1) (Reaffirmed 2003) (Annex B) (Cl. B-10)
1469	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Electrostatic Discharge	IS 14439 (Part 1) (Reaffirmed 2003) (Annex B) (Cl. B-9)
1470	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	General Requirements (requirements for electrinic gas meters)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 11.1)

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1471	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Influence Factors (Provision for electronic gas volume meters)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 10.2)
1472	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Location of verification and protechtion marks	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 9)
1473	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Mechnical Shock	IS 14439 (Part 1) (Reaffirmed 2003)(Annex B) (Cl. B-6)
1474	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Requirements for electronic gas meters fitted with durability protection features (Requirements for electronic gas meters)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 11.2)
1475	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Test performance (Metrological control)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 12.1.5.3)
1476	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Test procedures	IS 14439 (Part 1) (Reaffirmed 2003)(Cl. 12.1.5.4)
1477	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Vibration (Random)	IS 14439 (Part 1) (Reaffirmed 2003) (Annex B) (Cl. B-5(a)
1478	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments and/or additional functionalities	Vibration (Sinuoidal)	IS 14439 (Part 1) (Reaffirmed 2003) (Annex B) (Cl. B-5(b)

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1479	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Electromagnetic induction (power frequency)	EN 1631, 4 (Cl. 4.12.5): 2013, BS EN 1631, 4 (Cl. 4.12.5): 2013, EVS-EN 1752, 6 (Cl. 13.4): 2017, BS EN 1423, 6 (Cl. 13.4) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.4): 2018, EN 1423, 6 (Cl. 13.4) (withdrawn): 2007, EN 1423, 6 (Cl. 13.4): 2018, BS EN 1359, (Cl. 6.2.2): 2007, EN 1359, (Cl. 6.2.2)
1480	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Electromagnetic induction (pulsed field)	EN 1631, 4 (Cl. 4.12.6): 2013, BS EN 1631, 4 (Cl. 4.12.6): 2013, EVS-EN 1752, 6 (Cl. 13.5): 2017, BS EN 1423, 6 (Cl. 13.5) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.5): 2018, EN 1423, 6 (Cl. 13.5) (withdrawn): 2007, EN 1423, 6 (Cl. 13.5): 2018, BS EN 1359, (Cl. 6.2.2): 2007, EN 1359, (Cl. 6.2.2)
1481	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Electrostatic discharge	BS EN 1631, 4 (Cl. 4.12.3): 2013, EN 1631, 4 (Cl. 4.12.3): 2013, EVS-EN 1752, 6 (Cl. 13.2): 2021, OIML R 137-1 & 2 (Cl. A.6.2): 2012, BS EN 1423, 6 (Cl. 13.2) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.2): 2018, EN 1423, 6 (Cl. 13.2) (withdrawn): 2007, EN 1423, 6 (Cl. 13.2): 2018, IS 14439 (Part 1) (Reaffirmed 2003, Reaffirmed 2013) (Cl. B-9)

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1482	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Minimum operating voltage	EVS-EN 1752, 6 (Cl. 12.2.2): 2021, BS EN 1423, 6 (Cl. 12.3) (withdrawn): 2007, BS EN 1423, 6 (Cl. 12.3): 2018, EN 1423, 6 (Cl. 12.3) (withdrawn): 2007, EN 1423, 6 (Cl. 12.3)
1483	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Radio frequency electromagnetic field	EN 1631, 4 (Cl. 4.12.4): 2013, BS EN 1631, 4 (Cl. 4.12.4): 2013, EVS-EN 1752, 6 (Cl. 13.3): 2017, BS EN 1423, 6 (Cl. 13.3) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.3): 2018, EN 1423, 6 (Cl. 13.3) (withdrawn): 2007, EN 1423, 6 (Cl. 13.3): 2018, BS EN 1359, (Cl. 6.2.2): 2017, EN 1359, (Cl. 6.2.2)
1484	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with electronic instruments or devices with additional functionalities	Voltage interruptions	BS EN 1631, 4 (Cl. 6.7): 2013, EN 1631, 4 (Cl. 6.7): 2013, EVS-EN 1752, 6 (Cl. 12.2.1): 2021, BS EN 1423, 6 (Cl. 12.2) (withdrawn): 2007, BS EN 1423, 6 (Cl. 12.2): 2018, EN 1423, 6 (Cl. 12.2) (withdrawn): 2007, EN 1423, 6 (Cl. 12.2)
1485	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Accuracy classes and maximum permissible errors (MPE)	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.3): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.1)

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1486	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Different gases	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.13.5): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.12)
1487	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Durability	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.10): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.9)
1488	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Evaluation of the construction of the meter	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7 c)
1489	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Flow direction	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.13.2): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.5)
1490	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Flow tests at different temperatures	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7 a)
1491	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Flow tests with equal gas and ambient temperatures	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7.1)
1492	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Flow tests with unequal gas and ambient temperatures	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7.2)

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1493	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Influences from ancillary devices	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.13.8): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.16)
1494	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Integral test element	OIML R 137 Part 1 (Amend 2014,) (Cl. 6.4.2)
1495	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Interchangeable components	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.13.6): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.14)
1496	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Markings and Inscriptions (Inscriptions)	OIML R 137 Part 1 (Amend 2014,) (Cl. 7.1)
1497	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Monitoring the unsuppressed flow rate output of the meter at no-flow conditions at different temperatures	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7 b)
1498	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Overload flow	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.11): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.11)
1499	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Pulse generator	OIML R 137 Part 1 (Amend 2014,) (Cl. 6.4.3)
1500	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Repeatability	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.7): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.3)

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1501	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Reproducibility	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.6): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.2)
1502	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Soundness of cases	OIML R 137 Part 1 (Amend 2014,) (Cl. 6.1.2)
1503	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Temperature	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.9): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.7)
1504	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Vibrations and shocks	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.12): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.13)
1505	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic devices	Weighted mean error (WME)	OIML R 137 Part 1 (Amend 2014,) (Cl. 5.4): 2012, OIML R 137 Part 2 (Amend 2014,) (Cl. 12.6.1)
1506	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Additional Devices	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.3)
1507	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Direction of the gas flow (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.5)

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1508	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	General (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.1)
1509	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Indicating Devices (Indicating devices and test element)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 6.1)
1510	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Markings	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 5)
1511	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Material (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.2)
1512	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Maximum permissible errors	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 7)
1513	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Metrological properties (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.6)
1514	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Pressure absorption	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 8)

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1515	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Protection against external iinterference (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.4)
1516	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Soundness of Cases (Construction)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 4.2.3)
1517	FLUID FLOW- AIR & GASES	Diaphragm gas meters, Ultrasonic domestic gas meters, Thermal-mass flow-meter based gas meters, Gas volume meters with or without electronic instruments or devices with additional functionalities	Test Element (Indicating devices and test element)	IS 14439 (Part 1) (Reaffirmed 2003) (Cl. 6.2)
1518	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Access profiles	BS EN 1631, 4 (Cl. 7.18.2)
1519	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	AFD connections	BS EN 1631, 4 (Cl. 7.5)
1520	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	AFD1	BS EN 1631, 4 (Cl. 4.5)
1521	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	AFD2	BS EN 1631, 4 (Cl. 4.6)
1522	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	AFD3	BS EN 1631, 4 (Cl. 4.7)
1523	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Ageing test	BS EN 1631, 4 (Cl. 4.16)
1524	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Battery	BS EN 1631, 4 (Cl. 6.2)
1525	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Battery compartment	BS EN 1631, 4 (Cl. 6.4)

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1526	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Battery life	BS EN 1631, 4 (Cl. 6.3): 2013, EN 1631, 4 (Cl. 6.3): 2013, EVS-EN 1752, 6 (Cl. 12.2.3): 2021, BS EN 1423, 6 (Cl. 12.4) (withdrawn): 2007, BS EN 1423, 6 (Cl. 12.4): 2018, EN 1423, 6 (Cl. 12.4) (withdrawn): 2007, EN 1423, 6 (Cl. 12.4)
1527	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Battery lifetime totaliser	BS EN 1631, 4 (Cl. 6.6)
1528	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Battery replacement	BS EN 1631, 4 (Cl. 6.5)
1529	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Closed location	BS EN 1631, 4 (Cl. 4.9.2)
1530	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Cumulative volume	BS EN 1631, 4 (Cl. 7.18.3.1)
1531	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Data storage	BS EN 1631, 4 (Cl. 7.8)
1532	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Design Quality	BS EN 1631, 4 (Cl. 7.13.2)
1533	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Diagnostics	BS EN 1631, 4 (Cl. 7.3)
1534	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Display	BS EN 1631, 4 (Cl. C.2)
1535	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Display of valve related information	BS EN 1631, 4 (Cl. 7.13.4.2)
1536	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Display reset	BS EN 1631, 4 (Cl. C.3)
1537	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Display/Human interface	BS EN 1631, 4 (Cl. 7.12)
1538	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Electrical Safety	BS EN 1631, 4 (Cl. 4.11.3)

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1539	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Electrical safety	BS EN 1631, 4 (Cl. 7.13.4.3)
1540	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Endurance	BS EN 1631, 4 (Cl. 7.13.4.8)
1541	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Energy Calculation within the meter/AFD	BS EN 1631, 4 (Cl. 7.10)
1542	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Expected lifetime	BS EN 1631, 4 (Cl. 4.17)
1543	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Fast Transient Bursts (Immunity to electromagnetic disturbances for Meters / AFD's with external ports)	BS EN 1631, 4 (Cl. 4.13.3): 2013, EN 1631, 4 (Cl. 4.13.3)
1544	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Firmware upgrade	BS EN 1631, 4 (Cl. 5.3)
1545	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Flags and alarms information	BS EN 1631, 4 (Cl. C.6)
1546	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Gas temperature range	BS EN 1631, 4 (Cl. 4.10)
1547	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Gas valve and System - General	BS EN 1631, 4 (Cl. 7.13.1)
1548	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	History of Consumption	BS EN 1631, 4 (Cl. 7.17)
1549	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Interfaces	BS EN 1631, 4 (Cl. C.7)
1550	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Marking	BS EN 1631, 4 (Cl. 8)
1551	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Mechanical (Vibration) class	BS EN 1631, 4 (Cl. 4.9.5)
1552	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Memory General	BS EN 1631, 4 (Cl. 7.18.1)
1553	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Metrological influence	BS EN 1631, 4 (Cl. 7.4)

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1554	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Non-volatile memory	BS EN 1631, 4 (Cl. C.5)
1555	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Operating voltage	BS EN 1631, 4 (Cl. 6.8)
1556	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Output from AFD	BS EN 1631, 4 (Cl. 7.7)
1557	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Ports	BS EN 1631, 4 (Cl. C.8)
1558	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Prepayment System with valve	BS EN 1631, 4 (Cl. 7.15)
1559	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Prepayment system without a valve	BS EN 1631, 4 (Cl. 7.16)
1560	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Radio Frequency common mode (Immunity to electromagnetic disturbances for Meters / AFD's with external ports)	BS EN 1631, 4 (Cl. 4.13.2)
1561	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Radio interference emission	EN 1631, 4 (Cl. 4.12.7): 2013, BS EN 1631, 4 (Cl. 4.12.7)
1562	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Registers	BS EN 1631, 4 (Cl. 7.14)
1563	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Resistance to contaminants in the gas stream	BS EN 1631, 4 (Cl. 7.13.4.9)
1564	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Resistance to mishandling	BS EN 1631, 4 (Cl. 4.14)
1565	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Resistance to storage temperature	BS EN 1631, 4 (Cl. 4.15)
1566	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Resistance to Toluene/ISO-Octane and water vapour	BS EN 1631, 4 (Cl. 7.13.4.6.3)
1567	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Software identification	BS EN 1631, 4 (Cl. 5.4)

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1568	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Software, data and hardware security	BS EN 1631, 4 (Cl. 5.2)
1569	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Storage temperature range	BS EN 1631, 4 (Cl. 7.13.4.7)
1570	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Surges (Immunity to electromagnetic disturbances for Meters / AFD's with external ports)	BS EN 1631, 4 (Cl. 4.13.4): 2013, EN 1631, 4 (Cl. 4.13.4)
1571	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Tariffs	BS EN 1631, 4 (Cl. 7.11)
1572	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Temperature range	BS EN 1631, 4 (Cl. 4.9.6)
1573	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Test signal	BS EN 1631, 4 (Cl. C.4)
1574	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Time interval accuracy	BS EN 1631, 4 (Cl. 7.9)
1575	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Toluene/iso-octane test	BS EN 1631, 4 (Cl. D.3)
1576	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Types of additional functionality devices	BS EN 1631, 4 (Cl. 4.4): 2013, EN 1631, 4 (Cl. 4.4)
1577	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Updating	BS EN 1631, 4 (Cl. 7.18.3.2)
1578	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Valve closing	BS EN 1631, 4 (Cl. 7.13.4.5)
1579	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Valve opening	BS EN 1631, 4 (Cl. 7.13.4.6)
1580	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Valve operation	BS EN 1631, 4 (Cl. 7.13.3)
1581	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Valve performance	BS EN 1631, 4 (Cl. 7.13.4)
1582	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Water Vapour Test	BS EN 1631, 4 (Cl. D.4)

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1583	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities Gas meter with additional functionalities	Permanent magnetic fields	BS EN 1631, 4 (Cl. 4.12.2): 2013, EN 1631, 4 (Cl. 4.12.2)
1584	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Input to AFD	BS EN 1631, 4 (Cl. 7.6)
1585	FLUID FLOW- AIR & GASES	Gas meter with additional functionalities	Display	BS EN 1631, 4 (Cl. 7.2)
1586	FLUID FLOW- AIR & GASES	Gas meters (For electronic instruments or devices with additional functionalities) (Ultrasonic domestic gas meters)	Resistance to high ambient temperature	BS EN 1631, 4 (Cl. 4.8): 2013, EN 1631, 4 (Cl. 4.8): 2013, BS EN 1423, 6 (Cl. 13.5) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.5): 2018, EN 1423, 6 (Cl. 13.5) (withdrawn): 2007, EN 1423, 6 (Cl. 13.5)
1587	FLUID FLOW- AIR & GASES	Gas meters (Thermal-mass flow-meter based gas meters, Ultrasonic domestic gas meters)	Radio interference suppression	EVS-EN 1752, 6 (Cl. 13.6): 2017, BS EN 1423, 6 (Cl. 13.6) (withdrawn): 2007, BS EN 1423, 6 (Cl. 13.6): 2018, EN 1423, 6 (Cl. 13.6) (withdrawn): 2007, EN 1423, 6 (Cl. 13.6)
1588	FLUID FLOW- AIR & GASES	Gas meters-Additional functionalities	Pressure absorption	EN 1631, 4 (Cl. 4.11.1): 2013, BS EN 1631, 4 (Cl. 4.11.1): 2013, EN 1631, 4 (Cl. 7.13.4.4): 2013, BS EN 1631, 4 (Cl. 7.13.4.4)
1589	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Adhesion of the protective coating (Material)	EN 1248, 0 (Cl.6.2.5)
1590	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Bidirectional meters (conformity)	EN 1248, 0 (Cl. 5.8)
1591	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Durability (conformity)	EN 1248, 0 (Cl.8)
1592	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Error of indication (conformity /individual)	EN 1248, 0 (Cl. 5.2)

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1593	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Index window (Meter output (conformity))	EN 1248, 0 (Cl.7.2)
1594	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Influence of oil filling (conformity)	EN 1248, 0 (Cl. 5.9)
1595	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Marking	EN 1248, 0 (Cl.8)
1596	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Marking, labelling and packaging (conformity /individual)	EN 1248, 0 (Cl.9)
1597	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Marking, labelling and packaging (conformity /individual) : Direction of flow	EN 1248, 0 (Cl.9.2)
1598	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Marking, labelling and packaging (conformity /individual) : Durability and legibility of marking	EN 1248, 0 (Cl.9.4)
1599	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Marking, labelling and packaging (conformity /individual) :General	EN 1248, 0 (Cl.9.1)
1600	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Mechanical indicating device (Meter output (conformity))	EN 1248, 0 (Cl.7.1.3)
1601	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Metrological repeatability (conformity)	EN 1248, 0 (Cl. 5.4)
1602	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Overload (conformity)	EN 1248, 0 (Cl.6.3.4)
1603	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Penetration resistance (Material)	EN 1248, 0 (Cl.6.2.4)
1604	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Pressure loss (conformity /individual)	EN 1248, 0 (Cl. 5.3)
1605	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Pressure tappings Pressure and temperature tappings (conformity)	EN 1248, 0 (Cl.6.6.1)

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1606	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Protection against foreign matter (Transportation and storage (conformity /individual))	EN 1248, 0 (Cl.6.4.1)
1607	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Stiffness (Index window)	EN 1248, 0 (Cl.7.2.1.2)
1608	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Storage temperature range	EN 1248, 0 (Cl. 5.6.4)
1609	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Test element	EN 1248, 0 (Cl.7.1.4)
1610	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Ultraviolet radiation (Index window)	EN 1248, 0 (Cl.7.2.1.3)
1611	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Ultraviolet radiation test (Index window)	EN 1248, 0 (Cl.7.2.2.3)
1612	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Window impact (Index window)	EN 1248, 0 (Cl.7.2.1.4)
1613	FLUID FLOW- AIR & GASES	Rotary displacement gas meters	Window impact (Stiffness)	EN 1248, 0 (Cl.7.2.2.4)
1614	FLUID FLOW- AIR & GASES	Rotary piston gas meters	Maximum Permissable errors	IS 1567, 6 (Cl. 7)
1615	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Additional functionalities (if fitted)	EN 1752, 6 (Cl. 7.4) : 2021, BS EN 1752, 6 (Cl. 7.4) : 2021, EVS EN 1752, 6 (Cl. 7.4)
1616	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Ageing	EN 1752, 6 (Cl. 6.12) : 2021, BS EN 1752, 6 (Cl. 6.12): 2021, EVS EN 1752, 6 (Cl. 6.12)
1617	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	All meters	EN 1752, 6 (Cl. 9.1) : 2021, BS EN 1752, 6 (Cl. 9.1) : 2021, EVS EN 1752, 6 (Cl. 9.1)

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1618	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Battery (Genral)	EN 1752, 6 (Cl. 12.1) : 2021, BS EN 1752, 6 (Cl. 12.1) : 2021, EVS EN 1752, 6 (Cl. 12.1)
1619	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Battery life	EN 1752, 6 (Cl. 12.2.3) : 2021, BS EN 1752, 6 (Cl. 12.2.3) : 2021, EVS EN 1752, 6 (Cl. 12.2.3)
1620	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Bending moment	EN 1752, 6 (Cl. 6.4.3.2) : 2021, BS EN 1752, 6 (Cl. 6.4.3.2) : 2021, EVS EN 1752, 6 (Cl. 6.4.3.2)
1621	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Data optical port (optional)	EN 1752, 6 (Cl. 11.4) : 2021, BS EN 1752, 6 (Cl. 11.4) : 2021, EVS EN 1752, 6 (Cl. 11.4)
1622	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Diagnostics (Requirements)	EN 1752, 6 (Cl. 11.6.1) : 2021, BS EN 1752, 6 (Cl. 11.6.1) : 2021, EVS EN 1752, 6 (Cl. 11.6.1)
1623	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Display	EN 1752, 6 (Cl. 8.2) : 2021, BS EN 1752, 6 (Cl. 8.2) : 2021, EVS EN 1752, 6 (Cl. 8.2)
1624	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Display flags (Diagnostics)	EN 1752, 6 (Cl. 11.6.2) : 2021, BS EN 1752, 6 (Cl. 11.6.2) : 2021, EVS EN 1752, 6 (Cl. 11.6.2)
1625	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Display functionality	EN 1752, 6 (Cl. 8.3) : 2021, BS EN 1752, 6 (Cl. 8.3) : 2021, EVS EN 1752, 6 (Cl. 8.3)
1626	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Electrical insulating feet (optional)	EN 1752, 6 (Cl. 7.2) : 2021, BS EN 1752, 6 (Cl. 7.2) : 2021, EVS EN 1752, 6 (Cl. 7.2)

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1627	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	External leak tightness	EN 1752, 6 (Cl. 6.3.3) : 2021, BS EN 1752, 6 (Cl. 6.3.3) : 2021, EVS EN 1752, 6 (Cl. 6.3.3)
1628	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Flow disturbances	EN 1752, 6 (Cl. 5.8) : 2021, BS EN 1752, 6 (Cl. 5.8) : 2021, EVS EN 1752, 6 (Cl. 5.8)
1629	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Galvanic port (optional)	EN 1752, 6 (Cl. 11.5) : 2021, BS EN 1752, 6 (Cl. 11.5) : 2021, EVS EN 1752, 6 (Cl. 11.5)
1630	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Heat resistance	EN 1752, 6 (Cl. 6.3.5) : 2021, BS EN 1752, 6 (Cl. 6.3.5) : 2021, EVS EN 1752, 6 (Cl. 6.3.5)
1631	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Immunity to contaminants in gas stream (dust test)	EN 1752, 6 (Cl. 5.7) : 2021, BS EN 1752, 6 (Cl. 5.7) : 2021, EVS EN 1752, 6 (Cl. 5.7)
1632	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Indelibility of marking	EN 1752, 6 (Cl. 9.4) : 2021, BS EN 1752, 6 (Cl. 9.4) : 2021, EVS EN 1752, 6 (Cl. 9.4)
1633	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Low flow registration (starting flow rate)	EN 1752, 6 (Cl. 5.11) : 2021, BS EN 1752, 6 (Cl. 5.11) : 2021, EVS EN 1752, 6 (Cl. 5.11)
1634	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Mechanical interference	EN 1752, 6 (Cl. 6.1) : 2021, BS EN 1752, 6 (Cl. 6.1) : 2021, EVS EN 1752, 6 (Cl. 6.1)
1635	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Meter case	EN 1752, 6 (Cl. 6.3.1) : 2021, BS EN 1752, 6 (Cl. 6.3.1) : 2021, EVS EN 1752, 6 (Cl. 6.3.1)

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1636	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Metrological influence of radio communication function	EN 1752, 6 (Cl. 11.2) : 2021, BS EN 1752, 6 (Cl. 11.2) : 2021, EVS EN 1752, 6 (Cl. 11.2)
1637	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Metrological stability	EN 1752, 6 (Cl. 5.6) : 2021, BS EN 1752, 6 (Cl. 5.6): 2021, EVS EN 1752, 6 (Cl. 5.6)
1638	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Minimum operating voltage	EN 1752, 6 (Cl. 12.2.2) : 2021, BS EN 1752, 6 (Cl. 12.2.2) : 2021, EVS EN 1752, 6 (Cl. 12.2.2)
1639	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	MM- Pulsed (unsteady) flow	EN 1752, 6 (Cl. 5.13) : 2021, BS EN 1752, 6 (Cl. 5.13) : 2021, EVS EN 1752, 6 (Cl. 5.13)
1640	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Non-volatile memory	EN 1752, 6 (Cl. 8.4) : 2021, BS EN 1752, 6 (Cl. 8.4) : 2021, EVS EN 1752, 6 (Cl. 8.4)
1641	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Orientation	EN 1752, 6 (Cl. 6.4.1) : 2021, BS EN 1752, 6 (Cl. 6.4.1) : 2021, EVS EN 1752, 6 (Cl. 6.4.1)
1642	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Overload flow rate	EN 1752, 6 (Cl. 5.12) : 2021, BS EN 1752, 6 (Cl. 5.12) : 2021, EVS EN 1752, 6 (Cl. 5.12)
1643	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Pressure absorption	EN 1752, 6 (Cl. 5.5) : 2021, BS EN 1752, 6 (Cl. 5.5): 2021, EVS EN 1752, 6 (Cl. 5.5)
1644	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Pressure measuring point	EN 1752, 6 (Cl. 7.1) : 2021, BS EN 1752, 6 (Cl. 7.1) : 2021, EVS EN 1752, 6 (Cl. 7.1)

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1645	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Protection against penetration of dust and water	EN 1752, 6 (Cl. 6.3.2) : 2021, BS EN 1752, 6 (Cl. 6.3.2) : 2021, EVS EN 1752, 6 (Cl. 6.3.2)
1646	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Recording and storage	EN 1752, 6 (Cl. 8.1) : 2021, BS EN 1752, 6 (Cl. 8.1) : 2021, EVS EN 1752, 6 (Cl. 8.1)
1647	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Requirements for rubber components in the gas path	EN 1752, 6 (Cl. 6.8) : 2021, BS EN 1752, 6 (Cl. 6.8) : 2021, EVS EN 1752, 6 (Cl. 6.8)
1648	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to high ambient temperatures	EN 1752, 6 (Cl. 7.3) : 2021, BS EN 1752, 6 (Cl. 7.3) : 2021, EVS EN 1752, 6 (Cl. 7.3)
1649	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to high ambient temperatures	EVS-EN 1752, 6 (Cl. 7.3)
1650	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to impact	EN 1752, 6 (Cl. 6.3.6) : 2021, BS EN 1752, 6 (Cl. 6.3.6) : 2021, EVS EN 1752, 6 (Cl. 6.3.6)
1651	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to Internal Pressure	EN 1752, 6 (Cl. 6.3.4) : 2021, BS EN 1752, 6 (Cl. 6.3.4) : 2021, EVS EN 1752, 6 (Cl. 6.3.4)
1652	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to mishandling	EN 1752, 6 (Cl. 6.3.7) : 2021, BS EN 1752, 6 (Cl. 6.3.7) : 2021, EVS EN 1752, 6 (Cl. 6.3.7)
1653	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to storage temperature range	EN 1752, 6 (Cl. 6.9) : 2021, BS EN 1752, 6 (Cl. 6.9) : 2021, EVS EN 1752, 6 (Cl. 6.9)

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1654	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to toluene/iso-octane vapour	EN 1752, 6 (Cl. 6.10) : 2021, BS EN 1752, 6 (Cl. 6.10) : 2021, EVS EN 1752, 6 (Cl. 6.10)
1655	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to vibration	EN 1752, 6 (Cl. 6.5) : 2021, BS EN 1752, 6 (Cl. 6.5) : 2021, EVS EN 1752, 6 (Cl. 6.5)
1656	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Resistance to water vapour	EN 1752, 6 (Cl. 6.11) : 2021, BS EN 1752, 6 (Cl. 6.11) : 2021, EVS EN 1752, 6 (Cl. 6.11)
1657	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Reverse flow	EN 1752, 6 (Cl. 5.10) : 2021, BS EN 1752, 6 (Cl. 5.10) : 2021, EVS EN 1752, 6 (Cl. 5.10)
1658	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Software	EN 1752, 6 (Cl. 10) : 2021, BS EN 1752, 6 (Cl. 10) : 2021, EVS EN 1752, 6 (Cl. 10)
1659	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Test mode	EN 1752, 6 (Cl. 11.3) : 2021, BS EN 1752, 6 (Cl. 11.3) : 2021, EVS EN 1752, 6 (Cl. 11.3)
1660	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Test mode comparison	EN 1752, 6 (Cl. 5.2) : 2021, BS EN 1752, 6 (Cl. 5.2) : 2021, EVS EN 1752, 6 (Cl. 5.2)
1661	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Threads and flanges for single and two pipe meters	EN 1752, 6 (Cl. 6.4.2) : 2021, BS EN 1752, 6 (Cl. 6.4.2) : 2021, EVS EN 1752, 6 (Cl. 6.4.2)
1662	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Torque	EN 1752, 6 (Cl. 6.4.3.1) : 2021, BS EN 1752, 6 (Cl. 6.4.3.1) : 2021, EVS EN 1752, 6 (Cl. 6.4.3.1)

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1663	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Two-pipe meters	EN 1752, 6 (Cl. 9.2) : 2021, BS EN 1752, 6 (Cl. 9.2) : 2021, EVS EN 1752, 6 (Cl. 9.2)
1664	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Unauthorized interference	EN 1752, 6 (Cl. 6.2) : 2021, BS EN 1752, 6 (Cl. 6.2) : 2021, EVS EN 1752, 6 (Cl. 6.2)
1665	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Voltage interruptions	EN 1752, 6 (Cl. 12.2.1) : 2021, BS EN 1752, 6 (Cl. 12.2.1) : 2021, EVS EN 1752, 6 (Cl. 12.2.1)
1666	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter	Zero flow	EN 1752, 6 (Cl. 5.9) : 2021, BS EN 1752, 6 (Cl. 5.9) : 2021, EVS EN 1752, 6 (Cl. 5.9)
1667	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (Bell Prover)	Gas-Air relationship	EN 1752, 6 (Cl. 5.4) : 2021, BS EN 1752, 6 (Cl. 5.4): 2021, EVS EN 1752, 6 (Cl. 5.4)
1668	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (Bell Prover)	Permissible errors	EN 1752, 6 (Cl. 5.3) : 2021, BS EN 1752, 6 (Cl. 5.3): 2021, EVS EN 1752, 6 (Cl. 5.3)
1669	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Adhesion of the protective coating	EN 1752, 6 (Cl. 6.6.2.2) : 2021, BS EN 1752, 6 (Cl. 6.6.2.2) : 2021, EVS EN 1752, 6 (Cl. 6.6.2.2)
1670	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Chemical resistance of the protective coating	EN 1752, 6 (Cl. 6.6.2.4) : 2021, BS EN 1752, 6 (Cl. 6.6.2.4) : 2021, EVS EN 1752, 6 (Cl. 6.6.2.4)
1671	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Flame retardance of external surfaces	EN 1752, 6 (Cl. 6.7) : 2021, BS EN 1752, 6 (Cl. 6.7) : 2021, EVS EN 1752, 6 (Cl. 6.7)

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1672	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Impact resistance of the protective coating	EN 1752, 6 (Cl. 6.6.2.3) : 2021, BS EN 1752, 6 (Cl. 6.6.2.3) : 2021, EVS EN 1752, 6 (Cl. 6.6.2.3)
1673	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Resistance to humidity	EN 1752, 6 (Cl. 6.6.2.6): 2021, BS EN 1752, 6 (Cl. 6.6.2.6): 2021, EVS EN 1752, 6 (Cl. 6.6.2.6)
1674	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Resistance to salt spray	EN 1752, 6 (Cl. 6.6.2.5) : 2021, BS EN 1752, 6 (Cl. 6.6.2.5) : 2021, EVS EN 1752, 6 (Cl. 6.6.2.5)
1675	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (meter body material Plaque)	Scratch resistance of the protective coating	EN 1752, 6 (Cl. 6.6.2.1) : 2021, BS EN 1752, 6 (Cl. 6.6.2.1) : 2021, EVS EN 1752, 6 (Cl. 6.6.2.1)
1676	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (with reference meter)	Gas-Air relationship	EN 1752, 6 (Cl. 5.4) : 2021, BS EN 1752, 6 (Cl. 5.4): 2021, EVS EN 1752, 6 (Cl. 5.4)
1677	FLUID FLOW- AIR & GASES	Thermal-mass flow-meter based gas meter (with reference meter)	Permissible errors	EN 1752, 6 (Cl. 5.3) : 2021, BS EN 1752, 6 (Cl. 5.3): 2021, EVS EN 1752, 6 (Cl. 5.3)
1678	FLUID FLOW- AIR & GASES	Turbine gas meter	Error (Performance Cheractirastics)	IS 1567, 6 (Cl. 9.1)
1679	FLUID FLOW- AIR & GASES	Turbine gas meters	Adhesion of the protective coating	EN 1226, 1 (Cl. 6.3.3.3)
1680	FLUID FLOW- AIR & GASES	Turbine gas meters	Dimensions	EN 1226, 1 (Cl. 6.6.1.3)
1681	FLUID FLOW- AIR & GASES	Turbine gas meters	Electrical connections	EN 1226, 1 (Cl. 7.3.3)
1682	FLUID FLOW- AIR & GASES	Turbine gas meters	Endurance	EN 1226, 1 (Cl. 5.2.4)
1683	FLUID FLOW- AIR & GASES	Turbine gas meters	Error of indication	EN 1226, 1 (Cl. 5.2.1)

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1684	FLUID FLOW- AIR & GASES	Turbine gas meters	Error of indication (Metrological requirements and tests for each meter prior to dispatch (Individual meter testing))	EN 1226, 1 (Cl.Annex A E.3)
1685	FLUID FLOW- AIR & GASES	Turbine gas meters	Indicating device	EN 1226, 1 (Cl. 7.2)
1686	FLUID FLOW- AIR & GASES	Turbine gas meters	Marking	EN 1226, 1 (Cl. 8)
1687	FLUID FLOW- AIR & GASES	Turbine gas meters	Maximum permissible pressure loss	EN 1226, 1 (Cl. 5.2.9)
1688	FLUID FLOW- AIR & GASES	Turbine gas meters	Metering pressure tappings (Pressure tappings)	EN 1226, 1 (Cl. 6.6.1.2)
1689	FLUID FLOW- AIR & GASES	Turbine gas meters	Metrological stability	EN 1226, 1 (Cl. 5.2.2)
1690	FLUID FLOW- AIR & GASES	Turbine gas meters	Performance	EN 1226, 1 (Cl. 6.4.2)
1691	FLUID FLOW- AIR & GASES	Turbine gas meters	Pressure tappings (Pressure aud temperature tappings)	EN 1226, 1 (Cl. 6.6.1)
1692	FLUID FLOW- AIR & GASES	Turbine gas meters	Resistance to external corrosive atmosphere	EN 1226, 1 (Cl. 6.3.3.4)
1693	FLUID FLOW- AIR & GASES	Turbine gas meters	Resistance to impact	EN 1226, 1 (Cl. 6.2.6)
1694	FLUID FLOW- AIR & GASES	Turbine gas meters	Resistance to ultra-violet radiation	EN 1226, 1 (Cl. 6.3.2)
1695	FLUID FLOW- AIR & GASES	Turbine gas meters	Temperature tappings	EN 1226, 1 (Cl. 6.6.2)
1696	FLUID FLOW- AIR & GASES	Turbine gas meters	Temporary overload	EN 1226, 1 (Cl. 5.2.6)

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1697	FLUID FLOW- AIR & GASES	Turbine gas meters	WME (Weighted mean error)(Metrological requirements and tests for each meter prior to dispatch (Individual meter testing))	EN 1226, 1 (Cl.Annex A E.5)
1698	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (meter body material Plaque)	Adhesion of the protective coating	EN 1423, 6 (Cl. 6.3.2.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.4.1)(Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.2.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.4.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.2.2) : 2018, EN 1423, 6 (Cl. 6.3.4.1): 2018, BS EN 1423, 6 (Cl. 6.3.2.2): 2018, BS EN 1423, 6 (Cl. 6.3.4.1)
1699	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (meter body material Plaque)	Resistance to humidity	EN 1423, 6 (Cl. 6.3.2.6)(withdrawn): 2007, EN 1423, 6 (Cl. 6.3.3.3)(withdrawn): 2007, EN 1423, 6 (Cl. 6.3.4.4)(withdrawn): 2007, EN 1423, 6 (Cl. 6.3.5.2)(withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.2.6)(withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.3.3)(withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.4.4)(withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.5.2)(withdrawn): 2007, EN 1423, 6 (Cl. 6.3.2.6): 2018, EN 1423, 6 (Cl. 6.3.3.3): 2018, EN 1423, 6 (Cl. 6.3.4.4): 2018, EN 1423, 6 (Cl.

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1700	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (meter body material Plaque)	Scratch resistance of the protective coating	EN 1423, 6 (Cl. 6.3.2.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.3.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.2.1) : 2018, BS EN 1423, 6 (Cl. 6.3.3.2)
1701	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Ageing	EN 1423, 6 (Cl. 6.13) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.13) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.13) : 2018, BS EN 1423, 6 (Cl. 6.13)
1702	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Ageing of external surfaces of the meter, including index windows and adhesion of the index window	EN 1423, 6 (Cl. 6.6) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.6) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.6) : 2018, BS EN 1423, 6 (Cl. 6.6)
1703	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Ageing of non-metallic casework	EN 1423, 6 (Cl. 6.5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.5) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.5) : 2018, BS EN 1423, 6 (Cl. 6.5)
1704	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	All meters	EN 1423, 6 (Cl. 9.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 9.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 9.1) : 2018, BS EN 1423, 6 (Cl. 9.1)
1705	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Ancillary devices (if fitted)	EN 1423, 6 (Cl. 7.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 7.4) : 2018, BS EN 1423, 6 (Cl. 7.4)

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1706	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Battery (General)	EN 1423, 6 (Cl. 12) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 12) (Withdrawn): 2007, EN 1423, 6 (Cl. 12) : 2018, BS EN 1423, 6 (Cl. 12)
1707	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Closed locations	EN 1423, 6 (Cl. 9.3.2.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 9.3.2.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 9.3.2.1) : 2018, BS EN 1423, 6 (Cl. 9.3.2.1)
1708	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Construction and materials	EN 1423, 6 (Cl. 6) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6) (Withdrawn): 2007, EN 1423, 6 (Cl. 6) : 2018, BS EN 1423, 6 (Cl. 6)
1709	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Display	EN 1423, 6 (Cl. 8.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 8.2) : 2018, BS EN 1423, 6 (Cl. 8.2)
1710	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Display reset	EN 1423, 6 (Cl. 8.5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8.5) (Withdrawn): 2007, EN 1423, 6 (Cl. 8.5) : 2018, BS EN 1423, 6 (Cl. 8.5)
1711	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	External leak tightness	EN 1423, 6 (Cl. 6.2.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.4) : 2018, BS EN 1423, 6 (Cl. 6.2.4)

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1712	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Flame retardance of external surfaces	EN 1423, 6 (Cl. 6.9) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.9) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.9) : 2018, BS EN 1423, 6 (Cl. 6.9)
1713	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Heat resistance	EN 1423, 6 (Cl. 6.2.5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.5) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.5) : 2018, BS EN 1423, 6 (Cl. 6.2.5)
1714	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	High flow registration	EN 1423, 6 (Cl. 5.12) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.12) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.12) : 2018, BS EN 1423, 6 (Cl. 5.12)
1715	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Humidity (Casework decorative finish)	EN 1423, 6 (Cl. 6.4.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.4.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.4.2) : 2018, BS EN 1423, 6 (Cl. 6.4.2)
1716	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Immunity to contaminants in gas stream	EN 1423, 6 (Cl. 5.7) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.7) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.7) : 2018, BS EN 1423, 6 (Cl. 5.7)
1717	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Indelibility test	EN 1423, 6 (Cl. 9.3.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 9.3.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 9.3.3) : 2018, BS EN 1423, 6 (Cl. 9.3.3)

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1718	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Index	EN 1423, 6 (Cl. 8) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8) (Withdrawn): 2007, EN 1423, 6 (Cl. 8) : 2018, BS EN 1423, 6 (Cl. 8)
1719	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Installation effects	EN 1423, 6 (Cl. 5.8) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.8) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.8) : 2018, BS EN 1423, 6 (Cl. 5.8)
1720	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Low flow registration	EN 1423, 6 (Cl. 5.11) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.11) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.11) : 2018, BS EN 1423, 6 (Cl. 5.11)
1721	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Marking	EN 1423, 6 (Cl. 9) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 9) (Withdrawn): 2007, EN 1423, 6 (Cl. 9) : 2018, BS EN 1423, 6 (Cl. 9)
1722	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Meter fitted with a thermal shut-off valve	EN 1423, 6 (Cl. 7.2.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7.2.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 7.2.3) : 2018, BS EN 1423, 6 (Cl. 7.2.3)
1723	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Meters with temperature conversion	EN 1423, 6 (Cl. 7.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 7.3) : 2018, BS EN 1423, 6 (Cl. 7.3)

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1724	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Metrological performance	EN 1423, 6 (Cl. 5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5) (Withdrawn): 2007, EN 1423, 6 (Cl. 5) : 2018, BS EN 1423, 6 (Cl. 5)
1725	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Metrological stability	EN 1423, 6 (Cl. 5.6) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.6) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.6) : 2018, BS EN 1423, 6 (Cl. 5.6)
1726	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Mode comparison	EN 1423, 6 (Cl. 5.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.2) : 2018, BS EN 1423, 6 (Cl. 5.2)
1727	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Nominal connection diameters for single and two pipe meters (Connections)	EN 1423, 6 (Cl. 6.2.6.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.6.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.6.2) : 2018, BS EN 1423, 6 (Cl. 6.2.6.2)
1728	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Non-volatile memory	EN 1423, 6 (Cl. 8.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 8.4) : 2018, BS EN 1423, 6 (Cl. 8.4)
1729	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Optional features	EN 1423, 6 (Cl. 7) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7) (Withdrawn): 2007, EN 1423, 6 (Cl. 7) : 2018, BS EN 1423, 6 (Cl. 7)

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1730	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Orientation (Connections)	EN 1423, 6 (Cl. 6.2.6.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.6.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.6.1) : 2018, BS EN 1423, 6 (Cl. 6.2.6.1)
1731	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Permissible errors	EN 1423, 6 (Cl. 5.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.3) : 2018, BS EN 1423, 6 (Cl. 5.3)
1732	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Pressure absorption	EN 1423, 6 (Cl. 5.5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.5) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.5) : 2018, BS EN 1423, 6 (Cl. 5.5)
1733	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Pressure measuring point	EN 1423, 6 (Cl. 7.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 7.1) : 2018, BS EN 1423, 6 (Cl. 7.1)
1734	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Protection against penetration of dust and water	EN 1423, 6 (Cl. 6.2.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.2) : 2018, BS EN 1423, 6 (Cl. 6.2.2)
1735	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Pulsed (unsteady) flow	EN 1423, 6 (Cl. 5.13) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.13) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.13) : 2018, BS EN 1423, 6 (Cl. 5.13)

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1736	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Recording and storage	EN 1423, 6 (Cl. 8.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 8.1) : 2018, BS EN 1423, 6 (Cl. 8.1)
1737	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to external humidity	EN 1423, 6 (Cl. 6.8) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.8) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.8) : 2018, BS EN 1423, 6 (Cl. 6.8)
1738	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to high ambient temperature	EN 1423, 6 (Cl. 7.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 7.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 7.2) : 2018, BS EN 1423, 6 (Cl. 7.2)
1739	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to impact	EN 1423, 6 (Cl. 6.2.8) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.8) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.8) : 2018, BS EN 1423, 6 (Cl. 6.2.8)
1740	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to Internal Pressure	EN 1423, 6 (Cl. 6.2.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.3) : 2018, BS EN 1423, 6 (Cl. 6.2.3)
1741	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to mishandling	EN 1423, 6 (Cl. 6.2.9) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.9) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.9) : 2018, BS EN 1423, 6 (Cl. 6.2.9)

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1742	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to salt spray	EN 1423, 6 (Cl. 6.3.2.5) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.3.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.2.5) : 2018, BS EN 1423, 6 (Cl. 6.3.3.2)
1743	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to storage temperature range	EN 1423, 6 (Cl. 6.10) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.10) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.10) : 2018, BS EN 1423, 6 (Cl. 6.10)
1744	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to the effects o ftoluene/iso-octane vapour	EN 1423, 6 (Cl. 6.11) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.11) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.11) : 2018, BS EN 1423, 6 (Cl. 6.11)
1745	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to vibration	EN 1423, 6 (Cl. 6.2.7) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2.7) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2.7) : 2018, BS EN 1423, 6 (Cl. 6.2.7)
1746	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Resistance to water vapour	EN 1423, 6 (Cl. 6.12) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.12) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.12) : 2018, BS EN 1423, 6 (Cl. 6.12)
1747	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Reverse flow	EN 1423, 6 (Cl. 5.10) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.10) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.10) : 2018, BS EN 1423, 6 (Cl. 5.10)

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1748	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Robustness of meter case	EN 1423, 6 (Cl. 6.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.2) : 2018, BS EN 1423, 6 (Cl. 6.2)
1749	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Scratch test (Casework decorative finish)	EN 1423, 6 (Cl. 6.4.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.4.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.4.1) : 2018, BS EN 1423, 6 (Cl. 6.4.1)
1750	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Segmental display	EN 1423, 6 (Cl. 8.3) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 8.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 8.3) : 2018, BS EN 1423, 6 (Cl. 8.3)
1751	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Temperature sensitivity	EN 1423, 6 (Cl. 5.14) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.14) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.14) : 2018, BS EN 1423, 6 (Cl. 5.14)
1752	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Two-pipe meters	EN 1423, 6 (Cl. 9.2) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 9.2) (Withdrawn): 2007, EN 1423, 6 (Cl. 9.2) : 2018, BS EN 1423, 6 (Cl. 9.2)
1753	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters	Zero flow	EN 1423, 6 (Cl. 5.9) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.9) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.9) : 2018, BS EN 1423, 6 (Cl. 5.9)

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1754	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (Bell Prover)	Gas-Air relationship	EN 1423, 6 (Cl. 5.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.4) : 2018, BS EN 1423, 6 (Cl. 5.4)
1755	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (meter body material Plaque)	Chemical resistance	EN 1423, 6 (Cl. 6.3.3.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.5.1)(Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.3.1) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.5.1) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.3.1) : 2018, EN 1423, 6 (Cl. 6.3.5.1): 2018, BS EN 1423, 6 (Cl. 6.3.3.1) : 2018, BS EN 1423, 6 (Cl. 6.3.5.1)
1756	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (meter body material Plaque)	Chemical resistance of the protective coating	EN 1423, 6 (Cl. 6.3.2.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.4.3)(Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.2.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 6.3.4.3) (Withdrawn): 2007, EN 1423, 6 (Cl. 6.3.2.4) : 2018, EN 1423, 6 (Cl. 6.3.4.3): 2018, BS EN 1423, 6 (Cl. 6.3.2.4): 2018, BS EN 1423, 6 (Cl. 6.3.4.3)
1757	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters (with reference meter)	Gas-Air relationship	EN 1423, 6 (Cl. 5.4) (Withdrawn): 2007, BS EN 1423, 6 (Cl. 5.4) (Withdrawn): 2007, EN 1423, 6 (Cl. 5.4) : 2018, BS EN 1423, 6 (Cl. 5.4)

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1758	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters(Bell Prover)	Permissible errors (Error on air)	BS EN 1423, 6 (Cl. 5.3.2 a) (withdrawn): 2007, BS EN 1423, 6 (Cl. 5.3.2 a)
1759	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters(Test Bench ITF10)	Permissible errors (Error on air)	BS EN 1423, 6 (Cl. 5.3.2 a) (withdrawn): 2007, BS EN 1423, 6 (Cl. 5.3.2 a)
1760	FLUID FLOW- AIR & GASES	Ultrasonic domestic gas meters(with reference meter)	Permissible errors	BS EN 1423, 6 (Cl. 5.3.2) (withdrawn): 2007, BS EN 1423, 6 (Cl. 5.3.2)

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Site Testing				
1	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters	Functional requirements	CEA regulations (Part II)
2	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, 9.4, 8.3): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 8.3): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 8.3): 2021 AS 62052.11(Cl: 8.2) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.2) (Withdrawn): 2006 AS 62052.11 (Cl: 8.2): 2018 AS 62053.21 (Cl: 8

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3	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.2) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62053-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 7.10, 9.4, 9.4.6,

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4	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Frequency variation (Test of effects of influence quantities)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 12.10): 2021 IS 15884 (Cl: 4.6.2) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11) (Withdrawn) (Reaffirmed: 2009): 1999

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5	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.5): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.5): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.5): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.5): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.5): 2021 AS 62052.11 : 2018 AS 62053-21 (Cl:7.5): 2018 AS 62053-22 (Cl: 7.5): 2018 AS 62053.23 (Cl: 7.5): 2018 AS 62053-24 (Cl: 7.5): 2018 AS 62052.11 (Cl: 7.5) : 2023 AS 62053-21 (Cl: 7.5): 2023 AS 62053-22 (Cl: 7.5): 2023 AS 62053-24 (Cl: 7.5): 2023

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6	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	IEC 62053-24 (Cl:8.4.2) (Withdrawn): 2014 IEC 62052-11 (Cl:7.5): 2020 IEC 62053-21 (Cl: 7.5): 2020 IEC 62053-22 (Cl: 7.5): 2020 IEC 62053-23 (Cl: 7.5): 2020 IEC 62053-24 (Cl: 7.5): 2020 IEC 62055-31 (Cl: 8): :2022 EN IEC 62052-11(A11:2022) (A12:2024) (Cl:7.5): 2021 EN IEC 62053-21 (A11:2021) (Cl: 7.5): 2021 EN IEC 62053-22 (A11:2021) (Cl: 7.5): 2021 EN IEC 62053-23 (A11:2021) (Cl:7.5): 2021 EN IEC 62053-24 (A11:2021) (Cl: 7.5)

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7	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Initial startup of the meter	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:11.4.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:11.4.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.4.1): 2010 IS 15884 (Cl: 4.6.4.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 11.4.1) (Withdrawn) : 1999 IS 13779 (Cl: 11.4.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.6): 2002

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
8	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.9): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.9): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.9): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.9): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.9): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.1) (Withdrawn): 2005 AS 62053.22(Cl: 8.1) (Withdrawn): 2005 AS 62053.23(Cl: 8.1) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.9): 2018 AS 62053.22 (Cl: 7.9): 2018 AS 62053.23 (Cl: 7.9)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.1) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.1) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.1) (Withdrawn): 2003 IEC 62053-24 (Cl:8.2) (Withdrawn): 2014 IEC 62055-31 (Cl: 8.1) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.1): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.1): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.1): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.2): 2014 IEC 62052-11 (Cl:7.9): 2020 IEC 62053-21 (Cl: 7.9):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
10	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Limits of error due to variation of the current (Accuracy)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:11.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:11.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.1): 2010 IS 15884 (Cl: 4.6.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 11.1) (Withdrawn) : 1999 IS 13779 (Cl: 11.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.8): 2002 CBIP 304

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
11	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.8): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.8): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.8): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.8): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.8): 2021 AS 62052.11 : 2018 AS 62053.21 (Cl:7.4): 2018 AS 62053.22 (Cl: 7.4): 2018 AS 62053.23 (Cl: 7.4): 2018 AS 62053.24 (Cl: 7.4): 2018 AS 62052.11 (Cl: 7.8) : 2023 AS 62053.21 (Cl: 7.8): 2023 AS 62053.22 (Cl: 7.8): 2023 AS 62053.24 (Cl: 7.8): 2023
12	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	IEC 62052-11 (Cl:7.8): 2020 IEC 62053-21 (Cl: 7.8): 2020 IEC 62053-22 (Cl: 7.8): 2020 IEC 62053-23 (Cl: 7.8): 2020 IEC 62053-24 (Cl: 7.8): 2020 IEC 62055-31 (Cl: 8): :2022 EN IEC 62052-11(A11:2022) (A12:2024) (Cl:7.8): 2021 EN IEC 62053-21 (A11:2021) (Cl: 7.8): 2021 EN IEC 62053-22 (A11:2021) (Cl: 7.8): 2021 EN IEC 62053-23 (A11:2021) (Cl:7.8): 2021 EN IEC 62053-24 (A11:2021) (Cl: 7.8)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
13	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Repeatability test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.16) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.16): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.7): 2010 IS 15884 (Cl: 5.6.7): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.17) (Withdrawn) : 1999 IS 13779 (Cl: 12.17): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.9): 2002 CBIP

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.7): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.7): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.7): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.7): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.7): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.3) (Withdrawn): 2005 AS 62053.22(Cl: 8.3) (Withdrawn): 2005 AS 62053.23(Cl: 8.3) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.7): 2018 AS 62053.22 (Cl: 7.7): 2018 AS 62053.23 (Cl: 7.7):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
15	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.13) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.13): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.4): 2010 IS 15884 (Cl: 5.6.4): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.14) (Withdrawn) : 1999 IS 13779 (Cl: 12.14): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.5): 2002 CBIP

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
16	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Starting current test(Accuracy)	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-24 (Cl:8.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.4): 2014 IEC 62052-11 (Cl:7.7): 2020 IEC 62053-21 (Cl: 7.7): 2020

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.6): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.6): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.6): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.6): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.6): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.3) (Withdrawn): 2005 AS 62053.22(Cl: 8.3) (Withdrawn): 2005 AS 62053.23(Cl: 8.3) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.6): 2018 AS 62053.22 (Cl: 7.6): 2018 AS 62053.23 (Cl: 7.6):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
18	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.3) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.3) (Withdrawn): 2003 IEC 62053-24 (Cl:8.4) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.4): 2014 IEC 62052-11 (Cl:7.6): 2020 IEC 62053-21 (Cl: 7.6): 2020

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements: Test of No load Condition	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.12,11.4.2) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.12,11.4.2): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.3): 2010 IS 15884 (Cl: 5.6.3): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.13) (Withdrawn) : 1999 IS 13779 (Cl: 12.13): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6.4

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
20	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:7.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 7.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:7.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.4): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:8.4) (Withdrawn): 2005 AS 62053.22(Cl: 8.4) (Withdrawn): 2005 AS 62053.23(Cl: 8.4) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.4): 2018 AS 62053.22 (Cl: 7.4): 2018 AS 62053.23 (Cl: 7.4): 2

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21	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:8.4) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.4) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.4) (Withdrawn): 2003 IEC 62053-24 (Cl:8.5) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:8.4): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:8.4): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.4): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.5): 2014 IEC 62052-11 (Cl:7.4): 2020 IEC 62053-21 (Cl: 7.4): 2020

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22	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Accuracy requirements:Test of Meter Constant/ Registration	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.14,11.6) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.14 ,11.6): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.5): 2010 IS 15884 (Cl: 5.6.5): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.15) (Withdrawn) : 1999 IS 13779 (Cl: 12.15,11.6): 2020 CBIP 88 Ammendement No. 4(Cl: 5.6

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23	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.3, 9.4.10, 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8, 9) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 AS 62052.11 (C

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24	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 9.4.3, 9.4.10, 7.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
25	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Auxiliary voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2): 2021 IS 15884 (Cl: 4.6.2, Table 12)) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2, Table 13): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
26	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl:4.4): 2021 BS EN IEC 62053-21 (A11: 2021) (Cl: 4.4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl:4.4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 4.4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 4.4): 2021 AS 62052.11 (Withdrawn):2005 AS 62053.21(Cl:7.1) (Withdrawn): 2005 AS 62053.22(Cl: 7.1) (Withdrawn): 2005 AS 62053.23(Cl: 7.1) (Withdrawn): 2006 AS 62052.11 : 2018 AS 62053.21 (Cl:7.1.3): 2018 AS 62053.22 (Cl: 7.1.3): 2018 AS 62053.23 (Cl: 7.1

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27	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	IEC 62052-11 (Withdrawn): 2003 IEC 62053-21 (Cl:7.1) (Withdrawn): 2003 IEC 62053-22 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-23 (Cl: 7.1) (Withdrawn): 2003 IEC 62053-24 (Cl:7.2) (Withdrawn): 2014 IEC 62055-31 (Cl: 7.3) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) :2003 IEC 62053-21 (Amd 1: 2016) (Cl:7.1.3): 2003 IEC 62053-22 (Amd 1: 2016)(Cl:7.1.3): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 7.1.3): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 7.2): 2014 IEC 62052-11 (Cl:4.4): 2020 IEC 62053-21 (Cl: 4.4

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
28	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Electrical Requirements: Power consumption / power loss	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.10.1) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.10.1): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.7.1) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.7.1): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.4.1): 2010 IS 15884 (Cl: 5.4.1): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.7.1) (Withdrawn) : 1999 IS 13779 (Cl: 12.7.1): 2020 CBIP 88 Ammendement No. 4(Cl: 5.4.1): 2002
29	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	AS 62052.11 (7.4)(Withdrawn):2005 AS 62053.21(Cl:8.6) (Withdrawn): 2005 AS 62053.22(Cl: 8.6) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 EN 50470-1 :2006 EN 50470-1 (A1:2018): 2006 EN 50470-3 (Cl: 8.7.3) :2006 EN 50470-3 (A1:2018) (Cl: 8.7.3): 2006 EN 50470-3 (Table 10)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
30	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	IEC 62052-11 (Cl:8.6) (Withdrawn): 2003 IEC 62053-21 (Cl:8.6) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.6) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.6) (Withdrawn): 2003 IEC 62053-24 (Cl:8.7) (Withdrawn): 2014 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62055-31 (Cl: 8): :2022 BS EN 62052-11 Cl:8.6) (Withdrawn): 2003 BS EN 62053-21 (Cl: 8.6) (Withdrawn): 2003 BS EN 62053-22 (Cl: 8.6) (Withdrawn): 2003 BS EN 62053-23 (Cl:8.6) (Withdrawn): 2003

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31	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Interpretation of Test Results and Adjustments	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl:6.12): 2017 IS 14697 (Amd 4: 2014 + Reaffirmed: 2019)(Cl:12.15) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl:12.15): 2021 IS 15884 (Reaffirmed: 2015) (Cl: 5.6.6): 2010 IS 15884 (Cl: 5.6.6): 2024 IS 13779: (Amd:5 2015)(Reaffirmed: 2009) (Cl: 12.16) (Withdrawn) : 1999 IS 13779 (Cl: 12.16): 2020 CBIP 304 Publication No. 304 (Cl: 5.6.7): 2008 CBIP
32	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Severe voltage variation	EN 50470-1 (Cl:) :2006 EN 50470-1 (A1:2018)(Cl:): 2006 EN 50470-3 (Cl:) :2006 EN 50470-3 (A1:2018) (Cl: 8.7.7.2): 2006 EN 50470-3(Cl: Table 9):

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
33	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	BS EN IEC 62052-11 (A11: 2022)(A12: 2024) (Cl: 9.4.3, 9.4.10, 7.10, Table 4): 2021 BS EN IEC 62053-21 (A11: 2021)(A12: 2024)(Cl: 7.10, Table 4): 2021 BS EN IEC 62053-22 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-23 (A11: 2021) (Cl: 7.10, Table 4): 2021 BS EN IEC 62053-24 (A11: 2021) (Cl: 7.10, Table 4): 2021 AS 62052.11(Cl: 8, 9) (Withdrawn):2005 AS 62053.21(Cl: 8.2) (Withdrawn): 2005 AS 62053.22(Cl: 8.2) (Withdrawn): 2005 AS 62053.23(Cl: 8.6) (Withdrawn): 2006 AS 62052.11 (C

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
34	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IEC 62052-11 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-21 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-22 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-23 (Cl: 8.2) (Withdrawn): 2003 IEC 62053-24 (Cl: 8.3) (Withdrawn): 2003 IEC 62055-31 (Cl: 8) (Withdrawn): 2005 IEC 62052-11 (amd1:2016) (Cl: 8.2):2003 IEC 62052-21 (Amd 1: 2016) (Cl: 8.2): 2003 IEC 62053-22 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-23 (Amd 1: 2016)(Cl: 8.2): 2003 IEC 62053-24 (Amd 1: 2016) (Cl: 8.3): 2014 IEC 62052-11 (Cl: 9.4.3, 9.4.10, 7.

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
35	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters & Tariff and Load Control Equipment & Electrical / Electronic Equipments	Voltage variation (Limits of error due to other influence quantities/Test of influence quantity)	IS 16444 (Part-1) (Amd 1: 2017 + Amd 2: 2019 + Amd 3: 2023 + Reaffirmed: 2020) (Cl: 6.12) :2015 IS 16444 (Part 2) (Amd 1: 2019) (Cl: 6.12): 2017 IS 14697 (Amd 4: 2014, Reaffirmed: 2019)(Cl: 12.10) (Withdrawn):1999 IS 14697 (Amd 1: 2022) (Amd 2: 2025) (Cl: 9.2.1, 11.2): 2021 IS 15884 (Cl: 4.6.2, Table 12)) (Withdrawn): 2003 IS 15884 (Cl: 4.6.2, Table 12) (Withdrawn): 2010 IS 15884 (Reaffirmed: 2015) (Cl: 4.6.2): 2010 IS 15884 (Cl: 4.6.2, Table 13): 2024 IS 13779: (Amd:5 2015) (Cl: 12.11)

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36	ELECTRICAL-ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Electrical and Electronic (Static) Energy meters& Tariff and Load Control Equipment & Electrical / Electronic Equipments	Insulation Requirement: Insulation Resistance (IR) test	IS 13779 (Reaffirmed 2009)(Cl: 12.7.6.4) (Withdrawn): 1999 IS 13779 (Amd 5: 2015) (Cl: 12.7.6.4) (Withdrawn): 1999 IS 13779 (Cl: 12.7.6.4): 2020 IS 14697 (Amd4: 2014) (Cl: 12.7.6.4)(Withdrawn): 1999 IS 14697 (Reaffirmed: 2019)(Cl: 12.7.6.4) (Withdrawn): 1999 IS 14697 (Amd 1: 2022, Amd 2: 2025)(Cl: 12.7.6.4): 2021 IS 15884 (5.4.6.4)(Withdrawn): 2003 IS 15884 (5.4.6.4)(Withdrawn): 2010 IS 15884 (Reaffirmed 2015)(5.4.6.4): 2010 IS 15884 (5.4.6.4): 2024 IS16444 Part :1 ((Cl:6.10.6): 2015
37	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Range : upto 220kV)	Measurement of Tan Delta	IS 16227 Part 5: 2015IEC 61869 Part 5
38	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	Terminal marking and polarity	IEC 61869-5: 2011 IS 3156 Part 4 (Withdrawn): 1992 IS 16227-5 (Cl: 6.13.501)
39	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitive Voltage transformer (Metering 6.6kV to 220kV Ratio Error (Class :0.2 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227-5 (Cl: 7.2.6, 7.3.5): 2015IEC 61869-5 (Cl: 7.2.6, 7.3.5): 2011IS 3156 (Part 4) (Cl: 9.3.2, 9.2.5) (Withdrawn)

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40	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	Measurement of Capacitance	IEC 61869 Part 5: 2011IS 16227 Part 5
41	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage transformer (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	Terminal marking and polarity	IS 3156 (Part 4) (Cl: 8) (Withdrawn): 1992 IEC 61869-5 (Cl 6.13.501): 2011 IS 16227-5 (Cl: 6.13.501)
42	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage Transformers (Metering 6.6kV to 220kV (Class :0.2 to 1) Ratio Error By Primary Injection method))	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 3156 Part 4 (Cl: 9.3.2, 9.2.5) (Withdrawn): 1992, IEC 61869-5 (Cl: 7.2.6, 7.3.5) : 2011 IS 16227-5 (Cl 7.2.6 & 7.3.5)
43	ELECTRICAL-INDUCTORS & TRANSFORMERS	Capacitor Voltage Transformers (Metering 6.6kV to 220kV (Class :0.2 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 3156 Part 4 (Cl: 9.3.2, 9.2.5) (Withdrawn): 1992, IEC 61869-5 (Cl: 7.2.6, 7.3.5): 2011IS 16227-5 (Cl 7.2.6 & 7.3.5)
44	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (Range 5A to 3200A)	Determination of the instrument security factor (FS)	IEC 61869-4 (Cl: 7.5.2): 2013IS 16227 -4 (Cl: 7.5.2): 2015IEC 61869-4 (Cl: 7.5.2): 2013IS 16227-4 (Cl: 7.5.2)
45	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Determination of the secondary winding resistance	IEC 61869-4 (Cl: 7.3.201): 2013IS 16227 -4 (Cl: 7.3.201)
46	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (CT Range : 1A to 3200A, VT Range : upto 33kV)	Power-frequency voltage withstand tests between sections	IEC 61869-4 (Cl: 7.3.3): 2013IS 16227-4 (Cl: 7.3.3)
47	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer ((Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P)	Power-frequency voltage withstand tests on primary terminals	IEC 61869-4 (Cl: 7.3.1): 2013, IS 16227-4 (Cl: 7.3.1)
48	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (Range 1A to 3200A)	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IS 16227-4 (Cl: 7.3.203): 2015IEC 61869-4 (Cl: 7.3.203)

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49	ELECTRICAL-INDUCTORS & TRANSFORMERS	Combined Transformer (Range-1A to 3200A)	Over-voltage inter-turn test	IS 16227-4 (Cl: 7.3.204): 2015IEC 61869-4 (Cl: 7.3.204)
50	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (class:0.1S to 1) (Range 1A to 3200A)	Power-frequency voltage withstand tests on secondary terminals	IEC 61869-4 (Cl: 7.3.4): 2013, IS 16227-4 (Cl: 7.3.4)
51	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer	Power-frequency withstand test on secondary windings	IEC 60044-1 (Cl: 8.3, 14.4.4) (Withdrawn)
52	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Determination of the secondary winding resistance	IS 2705-1,2,3&4 (Cl: 6.2) (Withdrawn)
53	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power-frequency withstand test on secondary windings	IEC 60044-1 (Cl: 8.3, 14.4.4) (Withdrawn): 2002, IEC 61869-1 (Cl 7.3.4): 2023, IEC 61869-2 (Cl: 7.3.4): 2012, IS 16227-1 (Cl: 7.3.4): 2016, IS 16227-2 (Cl: 7.3.4):
54	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (LT, 0.72kV HSV) (Range 1A to 3200A)	Determination of the secondary winding resistance	IS 16227-2 (Cl: 7.3.201): 2016IEC 61869-2 (Cl: 7.3.201)
55	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Met+A51:L52ering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV, Accuracy Class-0.1 to 1 & 5P to 15P)	Power frequency dry withstand tests on primary windings	IS 2705-1,2,3&4 (Cl: 9.3) (Withdrawn)
56	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1 (Cl: 7.3.1): 2023IEC 61869-2 (Cl: 7.3.1): 2012IS 16227-1 (Cl: 7.3.1): 2016IS 16227-2 (Cl: 7.3.1):
57	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Metering & Protection)-Range-1A to 3200A,Voltage Class-660V to 33kV,Accurace Class-0.1 to 1 & 5P to 15P	Power-frequency withstand test on primary winding	IEC 60044-1 (Cl: 8.2.1) (Withdrawn)

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58	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Determination of the instrument security factor (FS)	IS 16227-2 (Cl: 7.5.2): 2016IEC 61869-2 (Cl: 7.5.2)
59	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power frequency dry withstand tests on secondary windings	IS 2705-1,2,3&4 (Cl: 9.4)(Withdrawn)
60	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power-frequency voltage withstand tests between sections	IS 16227-1 (Cl: 7.3.3): 2016IS 16227-2 (Cl: 7.3.3): 2016IEC 61869-1 (Cl: 7.3.3): 2023IEC 61869-2 (Cl: 7.3.3)
61	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Power-frequency withstand tests, between sections	IEC 60044-1 (Cl: 8.3, 14.4.4) (Withdrawn)
62	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IEC 61869-2 (Cl: 7.3.203): 2012, IS 16227-2 (Cl: 7.3.203)
63	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range 1A to 3200A)	Test for rated knee point e.m.f. and exciting current at rated knee point e.m.f.	IS 2705-1,2,3&4 (Cl: 6.1) (Withdrawn)
64	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformer (Range-1A to 3200A)	Inter-turn overvoltage test	IEC 61869-2 (Cl: 7.3.204): 2012, IS 16227 -2 (Cl: 7.3.204): 2016, IEC 60044-1 (Cl: 8.4, 14.4.5) (Withdrawn)
65	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) (Class 0.1 to 1) By Primary Injection method) Ratio Error & Phase Error	(Accuracy Test) Determination of Error - According to requirement of Appropriate Accuracy Class	IS 16227-2 (Cl: 7.2.6, 7.3.5): 2016, IEC 61869-1 (Cl: 7.2.6, 7.3.6)

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66	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) (Class 0.1 to 1) By Primary Injection method) Ratio Error & Phase Error.	Terminal Marking and Polarity	IEC 61869-1 (Cl: 7.3.7): 2023, IS 16227-2 (Cl: 6.13.201): 2016, IS 2705 Part 2 (Cl: 6) (Withdrawn): 1992, IS 16227-1 (Cl: 7.3.6): 2016, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Cl: 8.1) (Withdrawn): 1996, IS 2705 Part 1 (Cl: 9.2) (Withdrawn): IEC 61869-2 (Cl: 6.13.201)
67	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) (Class 0.1 to1) By Secondary Injection method (Portable Instrument))	Terminal Marking and Polarity	IEC 61869-1 (Cl: 7.3.7): 2023, IS 16227-1 (Cl: 7.3.6): 2016, IS 2705 Part 1 (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IS 16227 Part 2, IEC 61869-2 (Cl: 6.13.201): 2016, IS 2705 Part 2 (Withdrawn): 2012
68	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) Phase error (Class 0.1 to1) By Secondary Injection method (Portable Instrument)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IS 2705 (Part 2) (Withdrawn): 1992, IS 16227 (Part 2): 2016, IEC 61869-2 (Cl: 7.2.6 & 7.3.5)
69	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Metering (primary current 1A to 3200A) Ratio Error (Class 0.1 to1) By Secondary Injection method (Portable Instrument)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227-Part 2 (Cl: 7.2.6 & 7.3.5): 2016, IS 2705 (Part 2) (Withdrawn): 1992, IEC 60044-1 (AMD 1: 2000, AMD 2: 2002) (Withdrawn): 1996, IEC 61869-2 (Cl: 7.2.6, 7.3.5)

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70	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Range-1A to 3200A)	Measurement of Capacitance (at 12kV)	IS 16227 Part 2: 2016, IEC 61869 Part 2
71	ELECTRICAL-INDUCTORS & TRANSFORMERS	Current Transformers (Range-1A to 3200A)	Measurement of Tan Delta (at 12kV)	IS 16227 Part 2: 2016, IEC 61869 Part 2
72	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) Phase error By Secondary Injection method (Portable Instrument))	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-3 (Cl: 7.2.6, 7.3.5): 2011IS 3156 (Part 2) (Withdrawn): 1992IS 16227-3 (Cl: 7.2.6, 7.3.5)
73	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests between sections	IEC 61869-3 (Cl: 7.3.3): 2011, IS 16227-3 (Cl: 7.3.3), IS 16227-3 (Cl: 7.3.3):
74	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests on secondary terminals	IEC 61869-3 (Cl: 7.3.4): 2011, IS 16227-3 (Cl: 7.3.4)
75	ELECTRICAL-INDUCTORS & TRANSFORMERS	Inductive Voltage Transformer((Metering & Protection)(Range- 63.5V to 33kV,Accurace Class-0.1 to 1 & 3P to 6P)	Power-frequency voltage withstand tests on primary terminals	IS 16227-3 (Cl: 7.3.1): 2015 IEC 61869-3 (Cl: 7.3.1)
76	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer ((Metering & Protection)-Range- 63.5V to 33kV, Accuracy Class-0.1 to 1 & 3P to 6P)	Power frequency dry withstand tests on primary windings	IS 3156-1,2,3&4 (Cl: 9.3) (Withdrawn)
77	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) By Secondary Injection method (Portable Instrument))	Power-frequency voltage withstand tests on primary terminals	IEC 61869-1 (Cl: 7.3.1): 2023, IS 16227-1 (Cl: 7.3.1)
78	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) By Secondary Injection method (Portable Instrument))	Terminal marking and polarity	IS 16227-1 (Cl: 7.3.6): 2016, IS 3156 Part 1 (Withdrawn): 1992, IEC 61869-1 (Cl: 7.3.7)

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79	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 2.2kV to 33kV (Class :0.1 to 1) Ratio Error By Secondary Injection method (Portable Instrument))	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-1 (Cl: 7.2.6 & 7.3.6): 2023, IS 3156 (Part 1) (Withdrawn): 1992, IS 16227-1 (CL: 7.2.6)
80	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV (Class :0.1 to 1) By Primary Injection method)	Terminal marking and polarity	IS 16227-3 (Cl: 6.13.301)
81	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV Phase error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-1 (Cl: 7.2.6 & 7.3.6): 2023 IS 3156 Part 1 (Withdrawn): 1992 IS 16227-1 (CL: 7.2.6)
82	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV Ratio Error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 16227-1 (CL: 7.2.6)
83	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Metering 6.6kV to 220kV Ratio Error (Class :0.1 to 1) By Primary Injection method)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IS 3156 (Part 1) (Withdrawn): 1992 IEC 61869-1 (Cl: 7.2.6, 7.3.6): 2023 IS 16227-1 (Cl: 7.2.6)
84	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Range : upto 220kV)	Measurement of Capacitance (at 12kV)	IS 16227 Part 1: 2016, IS 16227 Part 3: 2015, IS 16227 Part 4: 2015IEC 61869 Part 1: 2023IEC 61869 Part 3: 2011IEC 61869 Part 4
85	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer (Range : upto 220kV)	Measurement of Tan Delta (at 12kV)	IEC 61869 Part 1: 2023, IEC 61869 Part 3: 2011, IEC 61869 Part 4: 2011, IS 16227 Part 1: 2016, IS 16227 Part 3: 2015, IS 16227 Part 4

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86	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (VT Range : upto 33kV)	Power frequency dry withstand tests on secondary windings	IS 3156 -1,2,3&4 (Cl: 9.4) (Withdrawn)
87	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests between sections	IEC 61869-1 (Cl: 7.3.3): 2023, IS 16227-1 (Cl: 7.3.3)
88	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage Transformer (VT Range : upto 33kV)	Power-frequency voltage withstand tests on secondary terminals	IS 16227-1 (Cl: 7.3.4): 2016, IEC 61869-1 (Cl: 7.3.4)
89	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformer - Metering 2.2kV to 33kV (Class :0.1 to 1) Ratio Error By Secondary Injection method (Portable Instrument)	(Accuracy Test) Error - According to the requirement of appropriate accuracy class	IEC 61869-1 (Cl: 7.2.6 & 7.3.6): 2023 IS 3156 Part 1 (Withdrawn): 1992 IS 16227-1 (CL: 7.2.6)
90	ELECTRICAL-INDUCTORS & TRANSFORMERS	Voltage transformers & Current Transformers	Insulation Resistance	Standard:THE INDIAN ELECTRICITY RULES, 1956 CHAPTER V sr no 48 1 (i) & 1(ii).: 1956 (Withdrawn)
91	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Clock uncertainty testing	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.6): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.11, 7.11)
92	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Cold test	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
93	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Voltage Events: Interruption of the Supply Voltage	IS 17036 (Cl: 4.3.1)

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94	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Voltage Events: Supply Voltage Dips and Swells	IS 17036 (Cl: 4.3.2)
95	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Harmonic Voltages	IS 17036 (Cl: 4.2.5)
96	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Mains Signaling Voltages	IS 17036 (Cl: 4.2.7)
97	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Rapid Voltage Changes: Flicker severity	IS 17036 (Cl: 4.2.3.2)
98	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Frequency	IS 17036 (Cl: 4.2.1)
99	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Unbalance	IS 17036 (Cl: 4.2.4)
100	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Continuous Phenomena: Supply Voltage Variations	IS 17036 (Cl: 4.2.2)
101	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Current recording	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.3): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.3)
102	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Current unbalance	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.6): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.17, 7.17): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.17, 7.17)

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103	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Damp heat	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
104	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Degree of protection by enclosure (IK code)	IEC 62586-1 (Cl: 8.6.3, 6.8.2): 2017 EN 62586-1 (Cl: 8.6.3, 6.8.2)
105	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Degree of protection by enclosure (IP code)	IEC 62586-1 (Cl: 8.6.4, 6.9): 2017 EN 62586-1 (Cl: 8.6.4, 6.9)
106	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Dry heat	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
107	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Emissions	IEC 62586-1 (Cl: 8.4.1, 6.6.1): 2017 EN 62586-1 (Cl: 8.4.1, 6.6.1)
108	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Fast transients	IEC 61000-4-30 (Amd 1: 2021) (Cl: 6 table 1): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 6 table 1)
109	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flagging	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 IS 18475 (Cl: 4.3)

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110	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flagging concept	IEC 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 4.7): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.10, 7.10)
111	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Flicker	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.3): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.3): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.3, 7.3): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.3, 7.3): 2017 IS 18475 (Cl: 5.4): 2023
112	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Free fall tests	IEC 62586-1 (Cl: 8.6.1, 6.8.1 and table 16): 2017 EN 62586-1 (Cl: 8.6.1, 6.8.1 and table 16)
113	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Harmonic currents	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.4): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.15, 7.15): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.15, 7.15): 2017 IS 18475 (Cl: 5.13)

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114	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity- Damped oscillatory wave	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
115	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity- Voltage dips and voltage interruptions	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
116	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Conducted disturbances, induced by radio frequency fields	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
117	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Electrostatic discharge	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
118	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Fast transient /burst	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
119	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Power frequency magnetic field	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
120	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Radiated, radio frequency electromagnetic field	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
121	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Immunity-Surge	IEC 62586-1 (Cl: 8.4.2, 6.6.2): 2017 EN 62586-1 (Cl: 8.4.2, 6.6.2)
122	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Interharmonic currents	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.5): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.5): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.16, 7.16): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.16, 7.16) IS 18475 (Cl: 5.14)

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123	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Magnitude of current	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.13.2): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.13.2): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.14, 7.14): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.14, 7.14): 2017 IS 18475 (Cl: 5.11) 2023
124	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Magnitude of the supply voltage	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.2): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.2): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.2, 7.2): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.2, 7.2): 2017 IS 18475 (Cl: 5.2)
125	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Mains signalling voltages on the supply voltage	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.10): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.10): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.8, 7.8): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.8, 7.8): 2017 IS 18475 (Cl: 5.8)

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126	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Measurement of underdeviation and overdeviation parameters	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9)
127	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Power frequency	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.1): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.1): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.1, 7.1): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.1, 7.1): 2017 IS 18475 (Cl: 5.1): 2023
128	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: General	IS 18475 (Cl: 6.1)
129	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Measuring Equipment Connection	IS 18475 (Cl: 6.5)
130	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Monitoring Locations	IS 18475 (Cl: 6.3)
131	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Monitoring Objectives	IS 18475 (Cl: 6.2.2)
132	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Power Quality Indices	IS 18475 (Cl: 6.2.1)

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133	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Quantities to Measure	IS 18475 (Cl: 6.4)
134	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	POWER QUALITY MONITORING: Statistical Applications	IS 18475 (Cl: 6.2)
135	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Rapid Voltage Change	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.11): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.11): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.13, 7.13): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.13, 7.13): 2017 IS 18475 (Cl: 5.3)
136	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Safety tests	IEC 62586-1 (Cl: 8.3): 2017 EN 62586-1 (Cl: 8.3)
137	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Salt mist	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)
138	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Shock	IEC 62586-1 (Cl: 8.5 and table 16): 2017 EN 62586-1 (Cl: 8.5 and table 16)
139	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Start-up requirements	IEC 62586-1 (Cl: 6.10): 2017 EN 62586-1 (Cl: 6.10)

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
140	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage dips and swells	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.10): 2023
141	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage interruption, dips and swells	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.4): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.10): 2023
142	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Supply voltage unbalance	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.7): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.7): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.5, 7.5): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.5, 7.5)
143	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Temperature changes with specified variation speed	IEC 62586-1 (Cl: 8.5 and table 15): 2017 EN 62586-1 (Cl: 8.5 and table 15)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
144	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Transient voltages	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.6): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.6)
145	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Underdeviation and overdeviation	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.12): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.9, 7.9)
146	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Variations due to external influence quantities	IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.12, 7.12): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.12, 7.12)
147	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Vibration	IEC 62586-1 (Cl: 8.5 and table 16): 2017 EN 62586-1 (Cl: 8.5 and table 16)
148	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage Harmonics	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.8): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.8): 2015 IEC 62586-1 (Cl: 8.7): 2017 EN 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.6, 7.6): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.6, 7.6): 2017 IS 18475 (Cl: 5.6)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
149	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage Interharmonics	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.9): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.9): 2015 EN / IEC 62586-1 (Cl: 8.7): 2017 IEC 62586-2 (Amd 1: 2021) (Cl: 6.7, 7.7): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.7, 7.7): 2017 IS 18475 (Cl: 5.7)
150	ELECTRICAL- POWER SUPPLIES & STABILIZERS	Power quality instrument	Voltage interruption	IEC 61000-4-30 (Amd 1: 2021) (Cl: 5.5): 2015 EN 61000-4-30 (Amd 1: 2021) (Cl: 5.5): 2015 IEC 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 EN 62586-2 (Amd 1: 2021) (Cl: 6.4, 7.4): 2017 IS 18475 (Cl: 5.9): 2023