

MobiLAB – Laboratory on wheels

Ensure revenue protection and operational reliability

Instrument transformers like CTs, VTs, and CVTs can experience errors in ratio and phase, leading to revenue losses and potential equipment failure. Accurate performance is critical for reliable energy accounting and seamless operations.

MobiLAB, state-of-the-art mobile laboratory, empowers utilities and industries with precise metering system verification, ensuring revenue protection and operational reliability.

Additionally, its advanced capabilities enable high-precision calibration of Transformer Loss Measurement Systems (TLMS), helping power transformer manufacturers meet stringent quality and performance standards.

Precision and reliability

- NABL-accredited services that ensure trusted measurement data.
- Modern facilities for on-site management of heavy equipment.

Accredited standards compliance

We strictly adhere to:

- IS 2705 and IS 3156 / IEC 60044
- IS 16227 / IEC 61869



Why MobiLAB?

Cutting-edge on-site testing and calibration services

Precision measurements: Optimised for ratio and phase angle error, $\tan \delta$, insulation resistance and polarity testing.

Faster turnaround time: Service delivery within six hours after shutdown, minimising dependency on customer facilities.

Comprehensive testing: Routine and acceptance testing for CT and VT units.



CT VT units, up to 33kV

- Third-party inspection and testing, with the buyer able to witness the process
- Conducted at manufacturer's site / HV consumers / new substations
- Routine / acceptance tests as per Indian / international standards
- Save significant cost and time on transportation

66 - 220kV CT & VT (IVT/CVT)

- Third-party inspection and testing, with the utility able to witness the process
- In-service performance verification as per regulatory norms
- Conducted at generation / transmission EHV feeders / industrial consumers
- Mitigate risks that could lead to financial losses
- Save significant cost and time on transportation

Calibration of TLMS

- Periodic calibration of Transformer Loss Measurement System (TLMS)
- Conducted at the power transformer manufacturer's facility
- Highest precision measurements help the manufacturer avoid financial penalties

Benefits of MobiLAB services

Gain a competitive edge with YMPL's MobiLAB

Fast and reliable service:

Reports are available within 48 hours of service delivery.

Flexible testing programs:

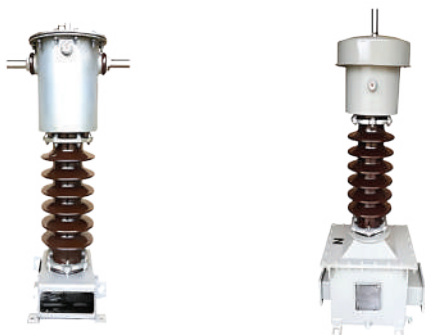
Customised solutions to match your needs.

Expertise you can trust:

Decades of experience in advanced measurement capabilities for instrument transformers and metering.

Cost and risk savings:

Eliminate transportation risks, downtime, and associated costs, while preventing revenue loss.



Delivering on-site excellence

MobiLAB offers precise, fast, and reliable results to optimise your operations.

At a glance – MobiLAB features:

- High precision reference used as CT: 50ppm, VT: 100ppm
- Accredited and recognised services
- Customisation tailored to power utilities and industry needs



YMPL's MobiLAB – Your trusted services provider

Our MobiLAB brings precision testing solutions right to your doorstep. It is designed to meet industry standards and your unique operational needs.

When precision matters, trust YMPL's MobiLAB to deliver.

Yadav Measurements Pvt Ltd Laboratories

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