

# Independent and Accredited Laboratory

Testing and calibration services for gas meters and other devices



Technology is changing at a rapid pace, and so are the regulations. Amid these changes, the manufacturers of gas meters and other devices, City Gas Distribution and transmission companies find it challenging to comply with the products' standards and regulatory requirements.

Adding to the woes are the inaccurate measurements that leave the gas companies exposed to the risk of significant financial losses in the transmission and distribution of gas.

Gas meters are based on various measuring principles for residential, commercial, or industrial applications. Yadav Measurements test / calibrate every gas meter (G1.6 to G1600) based on the applicable standards, such as EN 1359 (diaphragm meters), EN 14236 (ultrasonic meters), EN 12480 (rotary meters), EN 12261 (turbine meters), EN 17526 (thermal mass flow meters), EN 16314 (AFD), OIML R 137 and IS 14439 (Part 1 & 2).

Measurement uncertainty impacts the quality of a measurement result. Our primary standard and state-of-the-art test facilities ensure the best Calibration Measurement Capability (CMC) for the lowest to highest measurement range 0.016 – 2500 m<sup>3</sup>/hr.

## Calibration Services

We calibrate and perform verification of gas meters from utilities, manufacturers, and end users:

- Diaphragm meters
- Rotary Positive Displacement (RPD) meters
- Turbine meters
- Ultrasonic meters
- Thermal mass flow meters
- Rota meters
- Pressure Regulators
- Electronic Volume Correctors
- Sonic Nozzles
- Pressure sensors
- Temperature sensors
- Third-party inspection service (TPIS)



## Testing Services

We support manufacturers in different phases of product development, helping them avoid expensive and time-consuming modifications later on.

- Standard compliance
- Regulatory compliance
- Durability
- Safety
- Environment
- Air/methane medium

## We have a skilled team of engineers

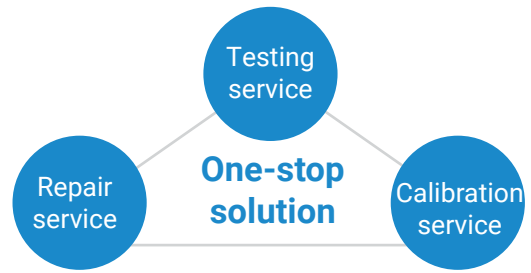
Our skilled and experienced team of engineers ensures high-quality testing and calibration. Our specialists handle your calibration and make sure that your demands are fully met.



Being an independent specialist in testing and calibration services, accredited by UKAS and NABL, we make customers SURE of faster access to Indian and international markets.



Yadav Measurements' certificates help Indian and international manufacturers to secure BIS / MID / UKCA / OIML approval to access India, the UK, the EU, and other countries.



Yadav Measurements' calibration laboratory is an authorised technical service partner for major OEMs, like Dresser Utility Solutions (DUS), to strengthen the after-market technical services for Gas Distribution and transmission companies in India.

### Performing the correct measurement leads to making the right decision

Our focus and commitment to excellence have made us one of India's largest independent calibration and repair service providers.

Our well-equipped laboratory checks devices and products on various parameters. With such a thorough inspection, we assure our clients of optimum accuracy on the meters and devices we calibrate.



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