

TransCanada Calibrations

Overview of Specialized Measurement Services



TransCanada Calibrations is a measurement services organization that offers High Pressure Natural Gas Meter Calibration and Technical Measurement Assistance to a international list of corporations in the Energy Sector - Transmission, Distribution, LNG, and Power Generation. TransCanada Calibrations measurement is traceable to Primary National Standards, and is recognized by Measurement Canada, the National Research Council of Canada, NMI of Holland and NIST of the USA through measurement inter-comparison; and operates to AGA 9, ISO 9001 and ISO 17025 standards.

TransCanada Calibrations is centrally located in North America near Winnipeg, Manitoba a continental logistics freight hub with direct convenient access to an international airport.

High Pressure Natural Gas Flow Meter Calibration Capability

- ↗ Ultrasonic Meters - NPS 3 to NPS 42 ANSI 600, 900, 1500, 2500 all manufacturers
- ↗ Turbine Meters - NPS 4 to NPS 42 ANSI 600, 900, 1500, 2500 all manufacturers
- ↗ Clamp-on Meters - Transfer calibration service available for all manufacturers
- ↗ Orifice and Differential Pressure Metering Technologies - All manufacturers
- ↗ **Flow Measurement:**

Flow Rate	Measurement Uncertainty, k=2
1,000 to 55,000 m ³ /h	0.20 %
200 to 1,000 m ³ /h	0.24 %
60 to 200 m ³ /h	0.30 %

Meter and Instrument Repair:

- ⇒ Ultrasonic & Turbine Meter Repair - All major manufactures, in-house parts
- ⇒ Pressure and Temperature - Transmitters, transfer standards, and devices

Transportation and Customs Services:

- ⇒ Domestic and international meter transportation management

Technical Measurement Services:

- ↗ Technical Assistance and Meter Trouble shooting
- ↗ Measurement System Commissioning and Audit
- ↗ Technical review of installation design

TransCanada Calibrations Ltd.

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