Flow Measurement Services for the Oil & Gas Industries

Verification - Compliance - Calibration

Flow Audits
Pump Checkout
Performance Evaluation
Thermal Energy Measurement
Mass Flow Measurement
Certification of Existing Flow Meters
Valve Leak Test
Fire Water Pump Testing
Leak Detection
Regulatory Compliance Metering

FLEXIM
when measuring matters
How do you know?

- If your Pumps are functioning properly?
- If your Exchangers are performing?
- If your Custody Meters are under or over billing?
- If Cooling Towers are operating properly?
- If your Processes are operating at peak efficiency?
- If DCS / PLC algorithms are correct?
- If your Flow Meters are Drifting?

In today’s energy efficient and environmentally conscious atmosphere, facility and plant metering must be verified and calibrated for accuracy to meet audit and regulatory demands. This is especially true for energy intensive industries such as within Oil & Gas Production, Refining and Processing facilities. FLEXIM’s Flow Measurement Service division offers the knowledge, experience and instrumentation to answer your questions.

Our highly portable and versatile flow meters are hazardous area approved (Factory Mutual, Class I, Div. II) and allow for measurements in even the most demanding environments - such as in Refineries at pipe temperatures up to 750°F and beyond.

We can shed a Light on your Processes within:

**Refineries:**
- Crude Oil
- Fuel Gas and Hydrogen
- Atmospheric and Vacuum distillation units
- Coker Feed lines
- Hydrocarbon product lines

**Oil & Gas Transport:**
- Crude and HPI Product Pipelines
- Natural Gas Pipelines

**Chemical & Petrochemical Industries:**
- Caustics and Acids
- Industrial Gases
- High Temperature Processes
- Heat Exchangers

as well as within adjacent processing Industries

Call us to find out how we can assist you with your flow measurement needs.
What makes us different:

NIST Traceable Reference Meter

30+ years Industry Experience

Non-intrusive technology, thus no need for Process Shut Downs

Ability to measure at low Velocity Flow Rates that no other technology can capture

Calibration Service of RTDs and Temperature Sensors

Hazardous area approved instrumentation (FM, Class I, Div. II)

Ability to measure at extreme temperatures - from -256° F up to 750°F and beyond

Service in demanding industrial environments

What we do!

We confirm and certify flow rates of existing volume and mass flow meters at your industry specific application. With our highly accurate FLUXUS ultrasonic flow meters (NIST traceable to reference meter), zero flow conditions as well as highly dynamic flow rates can be monitored and permanent meters can be checked and verified.

We also offer complete thermal energy measurements that can help you evaluate the performance of your heat exchangers or the proper operation of your cooling towers. Our RTD clamp on temperature sensors, which are matched and paired, offer an accuracy of 0.03°F.

We provide for formal reports, and in-depth data is a snap with our portable reference meters. The flow analysis carried out is NIST traceable and offers a high degree of accuracy and reliability. Our sophisticated noise suppression algorithms and NIST traceable flow analysis offer a high degree of accuracy and reliability. Matched and paired transducers, integrated temperature compensation and advanced diagnostics allow for precise, detailed and informative report generation.
Flow Measurement Services is a division of FLEXIM AMERICAS Corporation, a company that specializes in the manufacturing and development of Ultrasonic Flow Meters. The FMS division of FLEXIM specializes in verification and calibration of existing flow measurement devices, and flow audits where existing metering is not present. We bring over 30+ years of experience to Flow and BTU measurement.

The FLEXIM Commitment to Customer Service

FLEXIM considers itself not only a manufacturer of measuring instruments, but also a provider of technical and consulting services. These services include on-site measurements, laboratory analysis, project management, training, commissioning, instrument rentals and consulting services. The company’s focus and dedication is totally engaged in providing the highest quality equipment with the best support and service possible.

In Partnership with you

FLEXIM is an active leader in many areas of process instrumentation. As a worldwide pioneer in the non-intrusive flow measurement of liquids and gases, FLEXIM has been leading the way in ultrasonic clamp-on flow metering for more than 20 years. In addition to non-intrusive flow measurement, FLEXIM specializes in innovative online process analysis using ultrasonic technology and refractometry. Year after year, the Berlin-based company continues its substantial investment in research and development in order to maintain and further improve its position as an industry leader. In keeping with its core principles, FLEXIM takes customer feedback very seriously. Every generation of FLEXIM products is directly driven by customer and industry needs.

FLEXIM AMERICAS Corporation
Headquarter
250-V Executive Drive
Edgewood, NY 11717
Phone: (631) 492-2300

FLEXIM has offices located throughout North America. Please have a look for your local representative at:

www.flexim.com
or call us at:
1-888-852-PIPE