

Coriolis Flow Meter Calibration



Valued Quality. Delivered.



The use of Coriolis flow meters has become increasingly commonplace in the offshore oil and gas industry, as they are one of the most reliable instruments with which to determine flow measurement.

With this increase in use and popularity comes a need to ensure that these types of meters are performing as efficiently and accurately as possible.

Coriolis flow meter calibration has traditionally presented challenges for oil and gas operators.

It requires the equipment to be taken out of service, rigged, shipped and re-installed - all costing time and budget for operators.

Our Coriolis flow meter calibration service can reduce the need to ship equipment, provides a solution where a full isolation is not available and allows calibration to be carried out on the actual product, rather than a substitute fluid.

Benefits

- Calibrate your Coriolis flow meters in-situ offshore
- Removes the need for downtime and lengthy shipping processes
- Make efficiency savings with this convenient and modern calibration method



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Over the last decade, Coriolis flow meters have become increasingly integral to the measurement of gases and liquids in the oil and gas industry.

Although this technology carries a multitude of benefits, Coriolis flow meters must be recertified periodically, as do all primary measurement instruments. This ensures their accuracy is maintained to the manufacturers' design and that

they remain unaffected by process degradation and their operating environments.

Recertifying Coriolis flow meters presents operational challenges, all of which vary greatly depending on a system's configuration. These include sourcing the right expertise, time constraints, isolation issues and the requirement for fast turnaround times.

Calibration and Metering Global Offices

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Related Services

Further to Coriolis flow meter calibration, we can provide a full range of related solutions, including:

- **Flow measurement** - We calibrate flow meters, provers and skid instrumentation, perform meter repairs and system maintenance.
- **Instrument calibrations** - Including calibration and repair of measurement instrumentation, test and metering equipment and calibration and accreditation training.
- **Metering support services** - Measurement support for onshore and offshore assets, ensuring all regulatory requirements are met or exceeded.
- **Metering consultancy** - Our expert metering consultancy services will assist you in ensuring accuracy and securing the maximum economic return from your hydrocarbon resources.

Our Solutions

We have the capability to perform Coriolis flow meter calibration using a mobile Coriolis master meter skid, which acts as a mobile calibration reference standard.

Any deviations from the calibration standard can be corrected onsite without the requirement to remove the meter from service.

The mobile Coriolis rig and the processes involved to carry out an in-situ calibration have been designed and reviewed to the relevant industry standards.

With its compact design, the mobile Coriolis master meter skid can very easily be transported to

remote regions and to offshore sites with limited deck space.

This allows your equipment to be calibrated under normal operating conditions, rather than in a laboratory environment.

Our Coriolis master meter skid is capable of achieving 0.09% uncertainty of accuracy - better than commonly seen in the industry.

With our experienced teams working to ensure the accuracy of your flow measurement systems, you will gain peace of mind that your equipment is operating at its most optimal.

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