



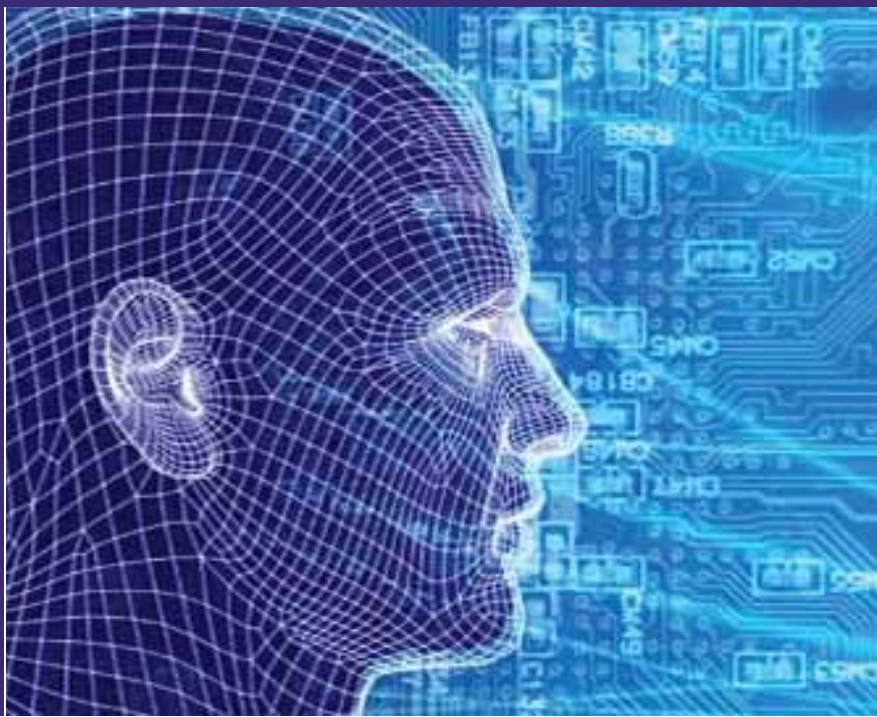
QATAR CALIBRATION SERVICES W.L.L (QCAL)



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www.qcal.com.qa

ABOUT Q-CAL

A joint venture between Petrotec (www.petrotec.com.qa) and Intertek Ltd. (www.intertek.com), Qatar Calibration Services WLL (Q-Cal) is accredited to ISO/IEC 17025:2005. The calibration laboratory is based in Doha and provides services in the laboratory or on site throughout Qatar. All activities are controlled by ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.



SERVICES AT A GLANCE

- Calibration Services of Electrical (DC & LF), temperature, pressure, torque, mass and dimensional parameters – ISO/IEC 17025; 2005
- High Static Calibration of DP Transmitters using Twin Post DWT
- Accredited Calibration of Orifice Plates
- Field Calibration of Instrumentation on Metering Skids
- Onsite/Offshore Calibration Services
- Calibration of Portable Gas Detectors
- Calibration of Ultrasonic Flow Detectors
- Three Phase Energy Meter Calibration
- Flow Calibration – Flow Meters using Master Meter/Ultrasonic Methods
- Water Draw Calibration of Compact/Bidirectional Provers
- Geometric Survey/Calibration of Storage Tanks
- Performance Evaluation of Gas Chromatographs
- Certification (UKAS) of Calibration Gas Mixtures & CEMS gases
- Rental of Multifunction Calibrators

Calibration of Test Equipment



Our accreditation services cover Electrical, Mechanical, Pressure and Temperature parameters, Orifice plate and Differential Pressure Transmitter calibration.

Flow Measurement

Accurate custody transfer measurements, fiscal allocation and cost control are critical to the oil & gas industry. QCal offers a full flow calibration service with all certificate traceable to National Standards using either water draw method or compact prover method.

QCal has metering expertise and is equipped with sets of master equipment to cater for various metering requirements.

Metering services include Meter Proving and related measurements.



Our expertise in measurement and calibration helps clients ensure the accuracy of metering systems used in Terminals, Pipelines, Chemical Plants, Refineries, Offshore Platforms, Power Plants etc.

With ISO 17025:2005 accreditation for calibration of Differential Pressure Transmitters and Orifice Plates locally in Qatar, QCal can offer a complete metering system calibration solution.

Gas Measurement

Calibration Gases - Natural Gas & LNG, Emission Gases



Q-Cal, in partnership with EffecTech of UK, has a UKAS (ISO 17025) calibration laboratory in Doha and offers a calibration service for gas mixtures adding chemical traceability and improved accuracy to the gases you receive, guaranteeing the best uncertainties available in Qatar.

ISO 17025 accreditations is split into calibration accreditations and testing accreditations.

Measurements based on calibration accreditations are accurate within the stated uncertainties. testing accreditations is simply a spot check with no uncertainty.

We ensure you receive the highest quality solution to your calibration gas requirements by acting as an independent third party calibration laboratory. The calibration gas certificate displaying the UKAS logo will give you confidence in the measurements you make, particularly for fiscal or regulatory requirements.

We conduct inspections and performance evaluations on gas quality measurement system and process gas chromatographs in accordance with the international standards ISO 17020 and ISO 10723.

Tank Services:

Geometric Survey of Tanks

This survey is primarily conducted to ensure that the parameters of Verticality, Ovality, Peaking, Bending and Settlement are within the acceptable tolerance limits that are recommended in the latest edition of API-653. Survey includes on-stream and off-stream measurements.



Tank Calibration

QCal's professionals measure and calibrate tanks of various shapes, sizes and designs using advanced methods in compliance with the latest API MPMS chapter.

Portable Gas Detector Calibration

Calibration of multiple brands of Portable Gas Detectors. Authorized service and calibration center for MSA portable gas detectors.



Three Phase Energy Meter Calibration

Calibration of 3 Phase Energy meters mainly for bulk customers



Ultrasonic Flaw Detector Calibration



Calibration of multiple brands of ultrasonic flaw detectors, probes and thickness gauges.

Rental Equipment



QCal offers a comprehensive equipment rental service that perfectly addresses your short-term and long-term project needs. With a large selection of process and test equipment available to hire, all with valid calibration certificates, QCal can reduce your procurement costs and lead times.

For more information, visit our website at <http://www.qcal.com.qa/>

Contact Us:

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Accreditations :

ISO/IEC 17025:2005
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007