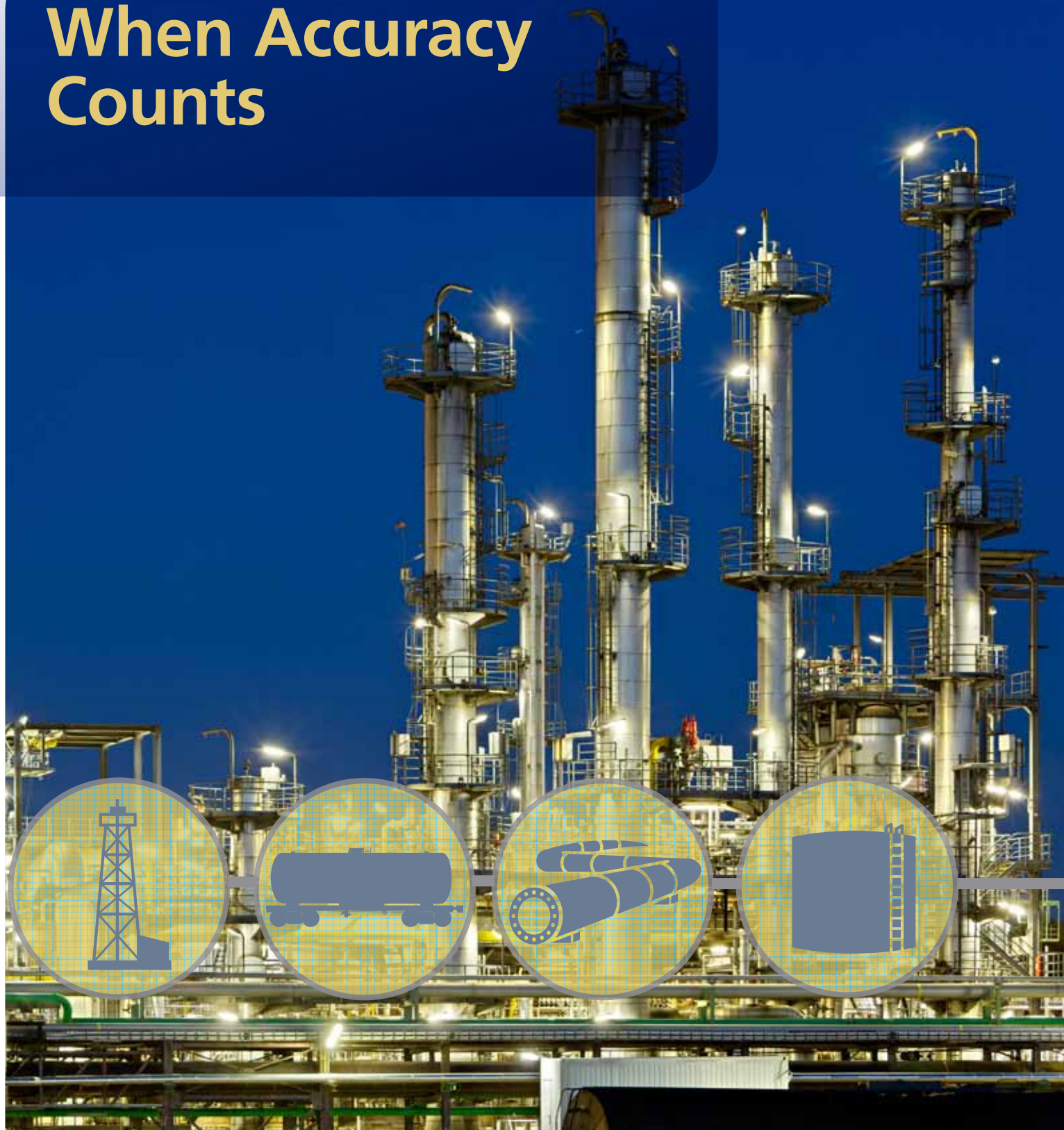


Measurement, Metering, and Calibration Services for the Oil and Gas Industry

Intertek

Valued Quality. Delivered.

When Accuracy Counts



Global Expertise in Measurement and Calibration of Liquid Meters, Pipelines, and Storage Tanks.

Intertek metering and calibration (liquid volume) measurement services support the oil & gas, petroleum and chemical industries throughout the entire supply-chain. From upstream to downstream, onshore to offshore and everywhere in between, Intertek measurement professionals improve inventory accuracy, reduce costly errors, protect valuable assets, and protect our client's reputation in the marketplace.

From exploration & production to refining, production and distribution, Intertek's metering and calibration metrology services include; tank calibration, meter-proving, volume and flow measurement calibration, repair & sales, and many other additional services.

Metering Services:

- Onshore and Offshore Meter Proving & Calibration
- Onshore Water Draw Services
- On-site or In-Shop Service
- On-site Natural Gas Meter Run Primary Device Repairs
- Produced Gas Analysis, Produced Liquid Analysis
- Onshore and Offshore Meter Repairs and Installations
- Crude Oil Rail-Car Metering and Calibration
- Meter Sales
- Turbine Meter Swap-out Program
- High Volume Displacement Prover
- Orifice Plate Sales & Repairs
- Fiscal Allocation Services
- And more

Confidence
through
expertise



Offshore Valve Repair:

- Scheduled Maintenance Program for Offshore Valves
- Hydrotesting
- Regularly scheduled greasing and maintenance programs

Shore Tank Calibration and Strapping:

- Internal and External Measurements by EODR (Electro-Optical Distance Ranging) method
- ORL (Optical Reference Line) method
- Custody Transfer Systems (CTS)

Petroleum, Chemical and LNG Tanks Calibration:

- Vertical, Horizontal, Cylindrical and Double-walled Tanks
 - Fixed, Floating, Domed and Conical Tanks
 - LNG Tanks
- Tank calibrations are conducted to appropriate ISO, API and BS standards.
 - NATA accredited in some locations.

Pipeline Measurement:

- Pipeline Volume Calculations

Road Tanker Calibration:

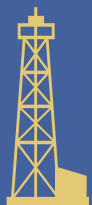
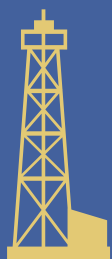
- Water fill method
- Custody Transfer Systems (CTS)
- Dipstick and gauge strip manufacture





Valued Quality. Delivered.

Serving the Complete Oil and Gas Supply Chain



Intertek Measurement, Metering, and Calibration Services

Intertek's global measurement, metering, and calibration services are available on a global basis, with trained professionals and state-of-the-art equipment based in strategic locations for the oil & gas refining, distribution, and E&P industries. Intertek calibration and measurement professionals travel to client's locations for the provision of on-site to provide quality services, where and when needed. Service details will vary by location, please contact Intertek for more information.

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