intertek
caleb brett

TANK CALIBRATION SERVICES

COST EFFECTIVE CALIBRATION USING THE LATEST TECHNOLOGY

Customers face a need for accurate volumetric tables and quantity measurement, to control stock held in storage vessels.

Intertek can provide accurate and detailed measurement and calibration of storage tanks to ensure customers don't encounter issues.

Our Expertise

Intertek is a Total Quality Assurance provider to industries worldwide. Through our global network of state-of-the-art facilities and industry-leading technical expertise we provide innovative and bespoke Assurance, Testing, Inspection and Certification services to customers.

Intertek offers a sophisticated tank calibration service, formulating highly accurate calibration data for tanks of various shapes, sizes and designs. The combination of years of calibration experience with the latest software enables us to provide highly accurate, cost effective tank and sphere calibrations.

Using the latest laser theodolite technology for tank calibration, engineers and technicians are equipped with state-of-the-art measuring devices .The use of EODR (Electro Optical Distance Ranging) laser scanning offers a quicker, safer, low impact solution for strapping storage vessels.

Tank calibrations are conducted to the exacting requirements of the appropriate international standards published by the International Organization for Standardization (ISO) or by the American Petroleum Institute (API).

Our Capabilities

Tank calibration is available for any site with a tank farm including:

- Independent storage facilities,
- Small distribution depots
- Large fuel terminals
- Oil refineries
- Power plants

Covering tanks storing a vast array of substances including:

- Oil storage and refineries
- Breweries, Distilleries, soft drinks (bulk liquids)
- Food and animal feed storage

We have the ability to provide volumetric capacity tables in litres per mm for:

- Vertical Tanks
- Horizontal Tanks
- Spherical Tanks
- Double-wall Tanks
- Fixed Roof Tanks
- Floating Roof Tanks

We also have the capabilities to provide surveys on:

- Tank settlement for vertical storage tanks
- Tilt check
- Tank shell out of roundness (Seal surveys) for vessels with a floating roof

These hi-tech surveys produce highly accurate data that is important to be able to identify the common 'tank shell out of roundness' problem which can affect floating roofs, by impeding their vertical motion.

Reporting

Detailed volumetric tables are compiled for each tank and can be formatted according to the client's requirements. Comprehensive tables can incorporate any standard units of measure for size, volume or both.

All Intertek tank calibrators have confined space training and ECITB supervisor safety passport.

FOR MORE INFORMATION

+44 151 355 2005

nigel.mckeown@intertek.com

intertek.com/tank-calibration

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