



# Calibration Services



HMT provides tank calibration service, commonly known as "Tank Strapping". This is the term applied to the procedure for measurement of storage tanks, barges, ships, and/or any liquid bulk container. These measurements provide the necessary dimensions for calculation of capacity tables. Our services meet and exceed all API Standards for tank calibration.

HMT's written Policy and Procedure Manual for tank calibration assures all tank calibration work is performed in a uniform manner. All tank calibration work is conducted in strict accordance with the latest American Petroleum Institute (API) Manual of Petroleum Measurements Standard and/or International Organization of Standardization (ISO) Standards and sound engineering principles.

All Tank Calibration work is performed in house including all calculation and chart production. Once the calibration chart is complete, it is verified and signed by the calibration manager, ensuring that all measurements and computations are in accordance with the noted standards.

HMT's calibration department is managed by a team with over fifty combined years of tank calibration experience and whose names are recognized within the calibration industry. This experience, combined with HMT's API 653 certified field inspectors, will guarantee accurate field measurements and quick turn-around time.

Contact your local HMT representative to discuss the full suite of products and services that will satisfy all your AST needs.

## Calibration Services from HMT Include the Following:

**Above Ground Storage Tanks, Under Ground Storage Tanks, Spheres, Horizontal Tanks, Tank Trailers, Ships, Barges, Bottom Surveys**

### Storage Tank Calibration

Considerations for calibration of storage tanks:

- Newly constructed
- After any structural modifications
- In conjunction with an API 653 Inspection
- Minimum 15 year intervals as recommended by API

### Liquid Calibration by Positive Displacement Meter

The preferred method to determine quantities through irregular floor areas and through the floating roof critical zone. This is standard procedure for tank trailer calibration and railroad car calibration.

### Barge and Ship Calibration

Should you be building a new barge, modifying an existing barge, or changing to a new gauging system that may require calibration charts, HMT is ready to obtain the data needed to perform this work efficiently to eliminate any downtime and keep your equipment working for you.

Considerations for re-computations of calibration chart:

- Change in products reflecting different gravities
- Change in floating roof weight or leg position
- Reference gauge height variation



HMT Inc.  
24 Waterway Avenue, Suite 400  
The Woodlands, Texas 77380  
Ph: +1.281.681.7000  
Fax: +1.281.419.7689

Locations worldwide to service  
all your AST needs.

Visit us at [www.hmttank.com](http://www.hmttank.com)