

Liquid Calibration Overview

PROVEit

A Comprehensive and Integrated Software Package Used to Prove, Track and Manage Meter Performance Data Based on the American Petroleum Institute's (API) Chapter 12.2.

Volumetric and Mass Proving

PROVEit allows companies to prove, track, and manage meter performance data. Key features include a stand-alone or networked database using either volumetric or mass calculations that conform to the American Petroleum Institute (API) guidelines contained in Chapter 12.2 of the current Manual of Petroleum Measurement Standards.

- ⬡ Automates prover control and data transfer between prover and PROVEit
- ⬡ Configurable proving tolerances for repeatability and meter factor control
- ⬡ Data stored in ODBC database for easy adhoc or custom reports

Proving Tolerances

The configurable proving tolerances ensure meter repeatability requirements by terminating a proving when the requirements are met. The historical factor tolerances automatically monitor meter performance by comparing the current meter factor to previous, baseline, and average historical factors, including a product dependency option. PROVEit's proving tolerances include:

- ⬡ The use of API uncertainty of .027% or .073% or the definition of custom repeatability percentages and consistency requirements
- ⬡ Comparison of meter factors to the last proving within a specified deviation percentage



