

Prover Calibration Gravimetric Water Draw

Flow Management Devices Field Service Division



Providing Gravimetric Water Draw Prover Calibrations

The Field Service Team at Flow Management Devices provides prover verification services using the gravimetric water draw method. Water draws can be performed at your jobsite or for portable units, in our Houston Service Office.

Why is Important to Water Draw a Prover?

Just as it is necessary to prove or verify your flow meters' accuracy for financial transactions and custody transfer applications, it is equally important to verify that the prover is also performing at optimal standards.

Prover calibrations provide:

- Compliance with custody transfer requirements
- Verification of prover volume
- Confirmation of prover accuracy
- API 12.2.4 conformance

Advantages of a Gravimetric Water Draw:

- High precision weigh scales
- Less uncertainty in comparison to volumetric methods
- Better accuracy verification for smaller provers

Gravimetric water draws provide less measurement bias in comparison to volumetric methods because the correction is made to a primary standard as opposed to a secondary standard.

Gravimetric Water Draw Includes:

- Onsite visit
- NIST traceable Water Draw Certificate
- Professional, knowledgeable Service Technician
- Water provision and disposal (additional fee)

Our Service Technicians complete water draws following API 4.9.4 Gravimetric Method of Calibration and adhere to ISO laboratory best practices.

The certificate of calibration is traceable to NIST (National Institute of Standards and Technology).

602-633-1495
service@fmd-das.com

Knowledgeable and Responsive Service Team

Flow Management Devices is committed to providing exceptional customer service. Our service professionals perform routine maintenance, calibrations, and repairs to ensure your equipment is always functioning at peak capacity. We understand that downtime can hurt your productivity and bottom line, so we maintain local inventory for most prover after-market services.



Services Available:

- Field Service
- Prover Calibrations
 - Gravimetric Water Draws
 - Master Meter Calibrations
- Preventative maintenance
 - All makes and models of provers
- Training
- Site inspections
- Troubleshooting (Provers)
- Start-up and commissioning
- Seal changes

Service Office Locations:

Phoenix, AZ - Ph:+1.602.633.1495
Houston, TX - Ph: +1.346.410.5231
Bridgeville, PA - Ph: +1.412.564.5509

Ask about our Preventative Maintenance Management Packages

Our Service Guarantee

Our experienced, knowledgeable, and factory-trained team of service technicians promise to safely and efficiently service your equipment with as little downtime as possible.

We take pride in the fact that we provide 100% customer satisfaction always!



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