

Prover Calibration - Gravimetric Water Draw



FMD Provides 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 or Phoenix Service Center.

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).

SERVICE, EXPERIENCE,
INNOVATION & EXCELLENCE

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.



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.

Services Available:

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

Service Center Locations:

FMD Phoenix Service Center
5225 South 37th Street
Phoenix, AZ 85040

FMD Houston Service Center
4720 Vista Road, Bldg 6
Pasadena, TX 77505

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

Ask about our Preventative Maintenance Management Packages