

When accuracy matters, AIM delivers



aimoilfieldservices.com

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- Precision-driven, reliable, and innovative measurement services
- Experts in liquid & gas measurement, LACT maintenance, and water management
- Committed to building trust and long-term partnerships by delivering exceptional service which reduces downtime and embraces continuous innovation to meet the needs of our valued clients



Introduction to AIM Oilfield Services

Beginning in 2015 as a third-party verification group, AIM provides above-par evaluations of custody transfer volume and calculates flow rates in real time for the oil and gas industry. Our dedication has driven growth and diversification in our services leading to additional expansion which now includes service offerings like installation/calibration, ongoing maintenance, equipment repair, and water management through ultrasonic measurement.

As a pivotal part of regulatory compliance in the Permian Basin, we maximize efficiency and minimize downtime, all while ensuring companies' throughput volume meets minimums and is compliant with API standards and federal regulations. Since allocation measurement helps inform the custody transfer process, this means we can help cut customer costs by eliminating the need for secondary meters (meter swapping). Our fully automated pressure and temperature recording systems ensure accurate compensation for company resources.



AIM explores innovation for the future of energy efficiency in order to be the most reliable source of precision in custody transfer measurement and on-site maintenance. This means for businesses more uptime, better accuracy, maximized revenue and cost-effectiveness, with fewer compliance issues and risks. AIM is also committed to the utmost safety and sustainability, making it clearly the superior choice.



We remain focused on providing the highest quality solutions that meet the rapidly evolving demands of the energy sector and offer scalable solutions as we grow alongside with our customers.

AIM serves both onshore and offshore producers and operators in U.S. upstream, midstream, and refined products markets. Our impact is elevated by the advanced features of our technology which allow for many different types of applications and use by a diversity of businesses. We supply core service offerings under the categories of liquid meter proving vs. gas measurement at the site to keep your operations running smoothly. Also, recently we have embarked on pioneering water management services with hydraulic ultrasonic measurement.

Liquid Meter Proving



AIM uses precision flow provers to identify and correct error in customer meters. Liquid meter proving compares unknown meter volumes against a certified reference. We offer both Master Meter Proving (fixed-site, high-accuracy) and Mobile Meter Proving (portable, flexible, field-ready), tailored to your location and needs.

Current
max flow rate



3570 BPH

ANSI
pressure rating



600

Uni
meter proving



LACT

Meter
proving



Load Rack

Meter
proving



NGL

Custody Transfer



Metering Skids

Coriolis, PD & Turbine



Meter Proving

Grind Outs / Shake Outs (Centrifuge Method)

Depending on the size of the solid particles, a Grind Out or Shake Out may be used to separate them from the drilling fluid. This method uses centrifugal force to remove and push heavier solids to the edge, leaving clean drilling fluid in the center. We use this to maximize drilling efficiency, which is both cost-effective and environmentally friendly. As well, it ensures equipment continues to run smoothly.



LACT Maintenance & Repair


Lease Automatic Custody Transfer units are essential to measure and transfer crude oil between parties, like from a pipeline to a refinery. In order to ensure accuracy, AIM offers maintenance & repair of LACT units and their components, such as replacing faulty meters, fixing sensors, changing out filters, cleaning of system build-up, addressing leaks, and adding lubrication to moving valves and pipes.


Terminal Maintenance & Repair


Mainly for infrastructure that is utilized for fuel storage, our terminal maintenance & repair provides servicing for things like maintaining automatic control systems, inspecting for rust or corrosion in tanks, fixing equipment used to load/unload product, and clearing out any blockages in the system that could prevent smooth liquid transport.





Master Meter Proving - (Mobile)


 Mobile meter proving is the process by which a prover is utilized to establish the error in a customer meter.


 A prover is defined as a piece of equipment that reacts to flow and has a certified volume established by means of a volumetric or gravimetric test that gives a significantly accurate accumulated volume of water between two switches or points called a base prover volume.


 Once we have established the base prover volume, we then utilize that known accumulated volume against a customer meter that has an unknown throughput establishing the error in the meter and gaining the correction factor or meter factor to offset the meter error.


 This is done by utilizing two hoses at a manifold downstream of the customer meter as an inlet and outlet while the same volume passes through the customer meter as the start/stop calibrated volume between the prover switches or points.

 AIM utilizes the two more common types of volumetric mobile provers, Small Volume and Bi-Directional.

 Bi-Directional or Ball provers utilize a ball oversized to the pipe ID that cycles back and forth through the certified volume and start/stop switches. Bi-Directional provers are somewhat limited to flow ranges but are much less complicated to troubleshoot in the field should issues emerge.

 Small volume provers have a much smaller footprint only needing a fraction of the volume of some Bi-Directional provers to accurately prove customer meters and do so by having a much larger turn down ratio with respect to flow rates as there is no ball cycling, however the small volume has more telemetry, so field troubleshooting is much more difficult.

 For accurate measurement it's imperative to utilize equipment with a known volume to account for errors in meters. Our equipment is state-of-the-art, exceeding industry and customer standards.

 Our technicians are trained to ensure customer measurement, accuracy and efficiency on all of our equipment.



- On site meter proving, limiting flow measurement or shut in down time through production separators or allocation units engineered without proving manifolds.
- Ability to gain a representative factor utilizing customer product.
- Ability to utilize outside hydrocarbon medium such as, diesel, varsol or water (if necessary to match customer product as closely as possible).
- Cost savings regarding cutting out the cost of a secondary meter to utilize offsite transfer proving's.
- On site meter steam cleaning if it is discerned that the meter may have internal paraffin buildup or other unwanted internal material that may cause the meter to perform inaccurate or unreliable while in service.
- Customers ability to witness meter proving's on site
- Available to output flow ranges from 175 BPH - 10BPH (122 GPM-6.9 GPM) utilizing internal pump and transfer tank system.
- Available to accommodate pressure ratings up to 720 PSI.



Gas Measurement

Our gas measurement solutions are informed by AIM's many years of dedicated natural gas experience

Meter Installation & Calibration

This service offering includes but is not limited to meter calibration witnessing, allocation measurement, input testing, onsite sample procurement, gap analysis, and system wide balancing and troubleshooting.

Mobile Gas Chromatography

Our mobile gas chromatography service validates the quantity of the gas flowing, utilizes extended analysis, incorporates flow computer data entry, and provides custom reporting.



Water Management

AIM is expanding its offerings to include water management and measurement services. This move reflects the company's commitment to sustainability and helping clients meet growing environmental and regulatory demands.

The measurement of produced water is becoming increasingly more common in land production applications, widely due to EPA regulation and issues with landowners the oil companies may be operating on. We have adopted a system that makes use of ultrasonic strap on meters that is non intrusive to the piping. Our state-of-the-art technology calculates flow rates in real time.

What are our clients saying?



"AIM Energy Services has been an outstanding partner. Their precision in custody transfer measurement and commitment to keeping our LACT units running smoothly has made a measurable difference in our operations. We trust AIM to get the job done right—every time."

— Operations Manager,
ConocoPhillips

What results can you expect?

With our team's proven expertise meeting complex energy challenges and state-of-the-art equipment, you can anticipate successful outcomes like the best profitability and financial integrity in custody transfer. We put your business first and accommodate the needs of customers, in which we build long-term relationships, with reliable performance and comprehensive solutions. As your trusted partner in accurate energy measurement, we deliver unmatched precision and the cleanest flowrates for sustainability. Our company strives to continuously empower energy producers and operators in the oil and gas industry.

Our commitment to excellence in numbers

10

years of liquid measurement

2,745

projects completed successfully

14mil+

total fluids measured

In addition to
extensive employee
HSE training, we
are proud to be
members of:

ISNetworld

PEC
Safety

PICS





**Get in touch to optimize your
operations and drive your
energy success**



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