

Alderley

Technical excellence: delivered



On-site Calibration Services

Mobile proving services to reduce downtime and ensure the ongoing performance of your liquid metering system

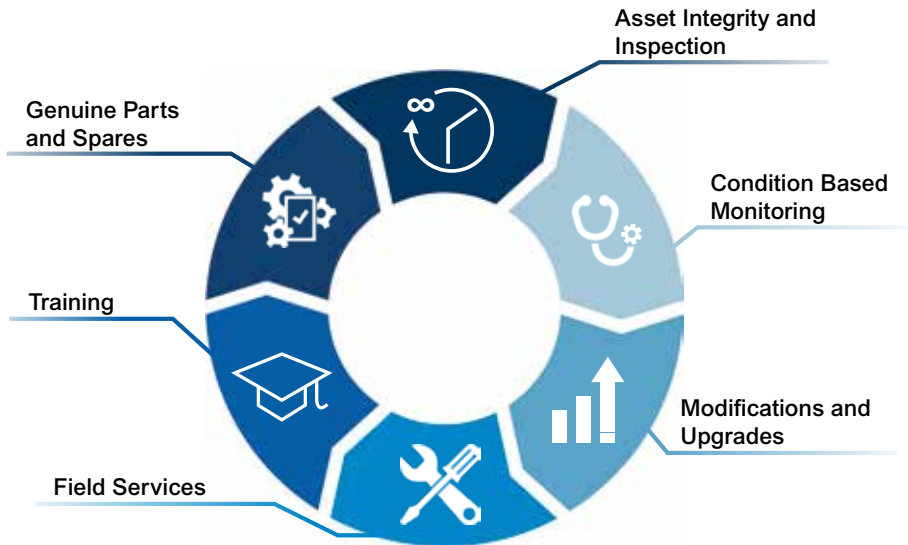
Your single-source services provider

As an independent services provider, Alderley have the flexibility and capability to deliver the best-for-application and best-for-business solution for your needs.

And with extensive experience across a wide range of OEM instruments and process areas, we are your one-stop shop for proactive and rapid-response reactive services.

Innovative engineering solutions

Our technical service experts provide 360° support to optimise performance throughout the life of your assets.



Flow measurement services include:

- Condition Based Monitoring
- Metering system calibration and validation
- Metering system operation and calibration training
- Control system review, configuration and upgrades
- System hardening and cyber security services
- Healthcare support services

The cost of mismeasurement

Understanding and controlling your flow measurement system performance is of paramount importance.

Even the smallest unmanaged change can have a significant impact on your operational and financial performance. Therefore, routine calibration is not only recommended, it is often a contractual or regulatory requirement.

However, if your system does not have an integrated pipe prover or master meter, assessing performance can be difficult and costly – often resulting in downtime through the removal and off-site calibration of your instrument.

On-site calibration, complete peace of mind

Utilising our in-house developed mobile Small Volume Prover, Alderley's flow measurement experts will test and verify the performance of your liquid custody metering system, prover or master meter directly at your site.

This helps ensure ongoing measurement system performance and complete peace of mind whilst minimising downtime.

Mobile Small Volume Prover

Housed within a trailer mountable 20' container, Alderley's Small Volume Prover can be used for the direct calibration of turbine, Coriolis, PD* and ultrasonic* meters on site.

Prover technical specifications:

| | | | |
|---------------------------|---------------------------------|-----------|-----------|
| Maximum Flow Rate | 795 m ³ /hr | 5,000 BPH | 3,500 GPM |
| SVP Model | Honeywell, Model # O035E2BxxE6A | | |
| Connection Flange Sizes | 8" ANSI Class 300# | | |
| Ambient Temperature Range | -20°C to +60°C (-4°F to 140°F) | | |
| Electrical Power Required | 480 VAC, 60 Hz, 3 Phase | | |

*3" or 8" turbine master meters will be used for the calibration of PD meters over 4" and ultrasonic meters.