Condition Based Monitoring

Delivering assured performance and reduced operating costs throughout the life of your measurement system
The Cost of Mismeasurement
Understanding and controlling your flow measurement system performance is of paramount importance.

Many operators adopt a time-based approach to maintenance and instrument calibration. However, this costly practice – in terms of both time and money – can prove unnecessary and leave you exposed.

That's why our Services experts recommend a condition-based maintenance approach for your metering system.

Condition Based Monitoring
Through continuous assessment of your equipment, Alderley's innovative Condition Based Monitoring (CBM) solution supports the early detection of potential problems with your assets.

This means you can schedule maintenance exactly when it is needed.

Instruments typically monitored include flow meters, gas analysers, motorised valves, transmitters and flow computers.

Integrated Uncertainty Assessment
An optional Dynamic Uncertainty module can be incorporated into every CBM solution.

With uncertainty calculations automatically triggered by an event or detected parameter changing, you can gain real-time uncertainty performance updates – including a tangible uncertainty deviation – informing the potential financial exposure from mismeasurement and supporting decision-making.

Contact service@alderley.com for more information and to discuss your system requirements