

## Maintenance services

### In-house flow products calibration services



Instruments working at peak performance help maximize productivity, profitability and meet regulatory requirements

#### Measurement made easy

Ensuring accuracy throughout the lifetime of your flowmeters

#### Why re-calibrate your product?

Over time, flow meter accuracy may degrade, affecting performance. The best way to ensure your product is accurate and performing correctly is to send it to a certified calibration laboratory. Calibrating your product will return it to original factory specifications.

Maintaining instruments at peak performance improves efficiencies, maximizes productivity / profitability and meets regulatory requirements.

Flow service catalog



Flow service website



Flow verification



#### Why choose ABB Service?

ABB is a world leader in flow measurement and your single source for flow meter calibration services. Wherever your products are located ABB will have a world class flow calibration facility in the region. All ABB flow laboratories are certified to a national standard which is internationally recognized through the 'International Laboratory Accreditation Cooperation' (ILAC).

ABB provides full service maintenance and calibration contracts for the following flow meters from all manufacturers:

##### Electromagnetic

- Coriolis
- Vortex (including swirl)
- Variable area
- Differential pressure
- Positive displacement
- Thermal mass
- Turbine
- Ultrasonic

## Benefits of ABB calibration services

**Process optimization** – reduce raw material cost, increase process speed & data accuracy

**Process availability** – reduction in unscheduled maintenance ensuring maximum uptime of your plant or process

**Regulatory compliance** – independent calibrations, third party signed certificates for record keeping

**Safety** – regular calibration, consistent intervals and record keeping help minimize accidents

**Custody transfer** – improved accuracy, independent verification of calibration

**Warranty extensions** – work conducted by highly trained ABB service technicians with extended product warranties

## Calibration capabilities

Having your product recalibrated at an ABB facility ensures the highest quality service at a very competitive price. Our facilities are designed to accommodate the biggest and smallest flow meters in operation.

Flow meter size range: 1 to 2400 mm /  
 $\frac{1}{25}$  to 96 in.

Calibrating medium: Water, air and any gas composition

Maximum Flow capacity: 2800 l/s / 740 US gal/

Accuracy classes: Down to  $\pm 0.1\%$



Calibrated flowmeter in customer installation

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To find your local ABB contact, visit:

**[abb.com/contacts](http://abb.com/contacts)**

For more information visit:

**[abb.com/measurement](http://abb.com/measurement)**

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