



ON-SITE FLOW CALIBRATION SERVICE

Quick and Accurate Calibration Services at Your Site

Emerson's On-Site Flow Calibration Services Solution offers comprehensive calibration support at your site for flow measurement technologies including Coriolis, Magnetic, and Vortex flow meters.

Our team of trained service and calibration specialists will arrive on-site with our state of the art calibration equipment, calibrate your flow measurement devices to a high level accuracy, and provide you with the verification and calibration documentation you need for ISO and regulatory compliance.

On-Site Flow Calibration Service

Calibrating your flow devices with Emerson will ensure that your equipment continues to provide the accurate and reliable data you need to control your processes and maintain accurate financial accounting.

- Meters are calibrated by Emerson, the world-leading manufacturer of Flow instruments
- Certified Field Service Specialists provide quick calibration turnaround
- Your instruments stay on or near site – no need to ship devices to the factory or service center
- Best Mass Master Meter field calibration accuracy (CMC) of 0.070%
- On-site calibration with water for flow meters up to DN80/3" in size
- Use of +/- 0.05% uncertainty reference meters, calibrated using ISO17025 Quality System and traceable to regional standards bodies
- Mass Flow Range 4.8 kg/min to 1650 kg/min (Volume Flow Range 0.27 m³/h – 100 m³/h)
- Standard 4-point pulse output calibration following "as found" adjustment if needed, followed with "as left" calibration procedure
- Verification and calibration documentation provided for your ISO and regulatory records requirements – Calibration certificate printed on site

On-Site Flow Calibration Process

Once on-site, the Emerson team will perform an instrument analysis, followed by the agreed type of calibration and the printing of the calibration certificate. To ensure a timely turnaround and reduce unforeseen work efforts, meters can be unmounted, cleaned, or decontaminated prior to the arrival of the calibration team, and other facility support – indoor workspaces, supply of clean tap water, grounded 400V/32A power supply – can be prearranged.

Requirements specific to the work, including the number of units to be calibrated, the type of flow technology, required flow ranges, process connections, and exact expectations of roles and responsibilities can be established when the calibration appointment is made.



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LIFECYCLE SERVICES VISION

Make your teams safer, smarter, and faster by enabling them to make better decisions by gaining efficiency, productivity, availability, and clear insight with Emerson services and solutions. By partnering with Emerson, we meet you where you are, when you need us, with your desired outcome as our goal.



LIFECYCLE SERVICES MISSION

Emerson Measurement Lifecycle Services provides outcome focused, solution-based services. We build lasting relationships by transforming the way maintenance and repairs are conducted. *Our goal is to deliver safe, reliable, and sustainable services.*



OUR PURPOSE

We work together to solve your challenges. We meet you where you are through our comprehensive service portfolio.



OUR PROMISE

We help you to safely optimize facility performance and achieve your business goals.



OUR CAUSES

- Safety
- Reliability
- Efficiency
- Sustainability

To learn more about Lifecycle Services, visit www.Emerson.com

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