

## FLOW SMART METER VERIFICATION SERVICE

### Identify Flowmeter Performance In-line



Emerson's Flow Smart Meter Verification Service leverages technology embedded in your device to verify the complete health of the sensor and electronics. Measurement integrity feedback is delivered in under two minutes and can run continuously, in the background, or on-demand at the touch of a button.

#### Flow Smart Meter Verification Service Benefits:

- In-line verification without process or measurement interruption
- Total meter check – flow tubes, signal processing, electronics – for complete confidence
- Results on-demand or automatically on a predetermined schedule give you the information you need
- Reports with fast pass/fail feedback

Our Smart Meter Verification Service helps you to run the verification while the process is running, get the data and give recommendations upon the findings.

#### Flow Smart Meter Verification Service includes:

- Switch on Smart Meter Verification for temporary or continuous total meter check (flow tubes, signal processing, electronics)
- Set Smart Meter Verification Interval
- Collect data via installed digital infrastructure e.g. HART, wirelessHART, Foundation Fieldbus
- Collect and print Smart Meter Verification reports with definitive pass/fail feedback

#### WHAT IF...

You have corrosive fluids and you don't know if your flow tube properties have changed?

You have experienced water hammer and you don't know if your meter is affected?

You have Smart Meter Verification enabled but you're not capturing the data?

With our Flow Smart Meter Verification Service, we will capture and report on the data collected, giving you greater insight into the meter and your process.

## Flow Smart Meter Verification Service

### Scope of Work

Smart Meter Verification is a simple tool and you do not need additional test equipment hooked up to your devices to perform the test. It is a built-in feature, which needs to be switched on to enable continuous monitoring of your instrument.

First we need to identify if your equipment is Smart Meter Verification ready. Smart Meter Verification is available for Micro Motion® sensors with an enhanced core processor and on Rosemount® E-Series flowmeters. Once identified we will switch on the tool temporary or continuously and configure the interval period upon your requirements. Second we will discuss your process conditions for running your Smart Meter Verification.

We will run Smart Meter Verification for you, collect the data, perform some analysis and collect and print Smart Meter Verification reports with definitive pass/fail feedback.

### Certified Services by Certified Specialists

All our specialists are trained by Emerson and regularly receive refresher courses with certification. In this way they are always informed about the latest developments in technology. You can be assured that they will always perform the right maintenance and provide the best possible advice.

The quality of the work is guaranteed by formal working instructions: Standard Operating Procedures. This means that we do as we promise: increase reliability and availability at lower costs.

### How to Order

Please contact the Flow Customer Support Team or your local Emerson Process Management representative for additional information, for a price quote or for an appointment.



Emerson Process Management

North American Response Center  
1-800-654-7768

[www.MicroMotion.com](http://www.MicroMotion.com)  
[www.Rosemount.com](http://www.Rosemount.com)

### + EMERSON CERTIFIED. TRUST THE INDUSTRY LEADER.

When you invest in Emerson devices, you expect a higher level of performance. You can expect the same from Emerson's factory-certified Lifecycle Services technicians for all diagnostics, field service and repair. With an expanding network of service centers, rest assured we are where you need us, when you need us.

MC-001830 Rev C 10/2013

© The Emerson logo is a trademark and service mark of Emerson Electric Co.  
All other marks are property of their respective owners.  
© Emerson Electric Co. All rights reserved.



**EMERSON**  
Process Management