

FLOW AUDIT SERVICE

Increase Confidence and Mitigate Risk



Emerson's Flow Audit Service analyzes a broad range of meter parameters to ensure your flowmeters meet your exact measurement expectation.

Flow Audit Services include:

- Survey of installed flowmeters
- Assess potential issues, such as aging meters, obsolescence, installation and orientation effects
- Investigate hidden issues such as zeroing and calibration changes, configuration and changing process conditions
- Review spare inventory parts and standardization of transmitters and sensors
- Provide recommendations based upon Audit
- Upon scope, final report with detailed recommendations and action items
- Select right technology for the application
- Sizing or process recommendations

WHAT IF...

You could identify any meter issue before it became a problem?

You could raise attention to aging meters or meters needing service?

You could improve your meter performance with new technologies?

With our Flow Audit Services we identify potential and hidden issues to ensure confidence in all of your flow measurement devices.

Flow Audit Service

Emerson's Flow Audit Service provides expert service and advice to help you get the most out of your flow measurement device. Understanding the status of your instrumentation is critical to ensure accuracy, optimal uptime and extend the lifetime of your flowmeters. The Flow Audit Service identifies real issues and ensures your meter is accurate and precise - within your operating environment.

Flow Audit Service Benefits:

- Manage cost and proactively deal with obsolescence issues
- Optimize your spare parts inventory
- Reduce reactive maintenance situations
- Increase core competencies of your technicians through training
- Ensure your devices are installed and sized correctly
- Improve plant availability
- Support plant turnarounds in the early preparation phase

Flow Audit Roles and Responsibilities

Stage	Customer	Emerson
Identify scope	Define number of Flow instruments and identify the customer team	Define scope, set objectives and furnish quote
Office Preparation	Instrument details. P&ID information. Device criticality (operations and HSE)	Collect instrument data, calibration records, configuration, service and obsolescence information
Field research	Advise safety, work permits as needed. Provide access to key on-site personnel	Identify "hot issues", check instruments, download parameters, take pictures, create parts list, get information on maintenance and identify training needs
Data analysis	Provide detailed answers to questions that may arise	Analyze configuration (range, output), calibration (zero, FCF), maintenance, obsolete products, possible replacements, inventory, training needs, etc.
Report	Review DRAFT report and provide comments/ feedback	Create a customer report containing: Introduction, scope, results, conclusion, discussion and recommendation
Presentation	Assemble key stakeholders for a formal review of the results	Present report , findings and recommendations Discuss and agree on action and road map
Follow-up	Budget required services, parts and replacements	Provide customer with quotes for products & services outlined in the final report

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.

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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.

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