



Swagelok® Fluid System Evaluation and Advisory Services

Improve Performance and Safety. Reduce Costs and Labor Time.

Find Your Opportunities to Receive More From Your Fluid Systems

Let us help you solve your biggest fluid system challenges—quickly and efficiently. Our fluid system evaluation and advisory services bring our technical expertise, application experience, and industry knowledge to your facilities to help optimize the safety, productivity, and profitability of your fluid systems. Our certified, locally based associates help you diagnose and resolve fluid system issues to improve operational performance, reduce cost and labor time, and help mitigate safety, quality, and environmental risks.

Here's What to Expect When Fluid System Specialists Visit

When Swagelok field engineers arrive at your facility, they will start by conducting a site evaluation, taking an in-depth look at your fluid systems. They will evaluate:

- Specific components such as fittings, tubing, hoses, valves, and gauges for best practices to ensure optimal fluid system operation
- Compressed gas systems for opportunities to reduce leaks
- Overall fluid system health to identify opportunities to maximize uptime

Get the Insights Needed to Make Smart Investment Decisions

Throughout the process, our fluid system experts will capture details of their observations in Swagelok's proprietary onsite inspection mobile application, cataloging notes and photos as well as key fluid system operating statistics. You will then receive a comprehensive report created to identify key issues and recommended solutions, including:

- Estimated costs of existing, unrepaired leaks
- Areas of concern categorized by severity
- Photos that clearly identify locations of problems
- Steps that can be taken to remedy issues

Get Started Today

Learn more about our [fluid system evaluation and advisory services](#) as part of our comprehensive onsite services. Contact your [Swagelok Southern California account manager](#) to schedule an appointment.





Quickly Assess the Situation With Our Easy-to-Follow Report.

The report example below is a representation of the type of information you would receive from a Swagelok evaluation. Your actual report would reflect information more specific to the service being performed.

Fluid System Evaluation and Advisory Service
Customer Name: Site Name
Appendix C - Issues by Issue Tag ID

Issue Tag ID : 0001 **Category : 2**

Plant Area: Air Supply Part Material: Stainless Steel
Customer Tag ID: PI-120C Connection Type:
Location: North Side of Plant Connection Size: 1/2 in
GPS Location:
Part Description: 0-100 PSIG Pressure Gauge
Process Fluid: Air Type of Part: Measurement Devices
Pressure: 100 psig Manufacturer: Unknown
Temperature: 70 F Part Number:
Issue: Incorrect Part Equip Swagelok Part: PG-63C-PG100-LA0X
Description: Gauge is being used near max range which may cause damage and over pressurization.
Other Findings:
Possible Solution: Replace component(s) according to manufacturer's instructions
Ultrasound ID: n/a
Ultrasound ID: n/a

IMPORTANT: Always depressurize the system before working on, disassembling or assembling a fluid system. Product Selection. When selecting a product, the total system design must be considered to ensure safe, trouble free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.
NOTE: Where the Part Number is followed by "***", it should be confirmed before placing an order.

Report Generated: 20-Apr-2018 16:02
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Issue tag IDs sorted numerically

Concerns categorized by severity

Locations called out within plant

Issues quickly identified

Fluid System Evaluation and Advisory Service
Customer Name: Site Name
Appendix A - Issues by Category

Issue Category	Issue Tag ID	Part Type	Issue	Plant Area	Conn Tag ID	Description	Pass
1	0001	Weld	Small Leak	Air Supply	PI012	Leakage apparent by strong feeling of wind connection. Please cover to seal and damaged.	<input type="checkbox"/>
1	0005	Flange	Under-tighten	Air Supply	NA	Tube fitting measured with gap gauge to its assembly under-tightened. Flanges are installed with an insurance for performance.	<input type="checkbox"/>
2	0004	Flange	Insulate	Air Supply	PI 008	Insulate with...	<input type="checkbox"/>

Information also sorted by category and plant area

Fluid System Evaluation and Advisory Service
Customer Name: Site Name
Appendix B - Issues by Plant Area

Plant Area	Issue Tag ID	Part Type	Issue	Category	Conn Tag ID	Description	Pass
Air Supply	0001	Flange	Small Leak	2	PI 008	Leak of fitting and connection detected by strong feeling of wind. Insulate to be missing RTFE tape.	<input type="checkbox"/>
Air Supply	0005	Weld	Corrosion	2	UV 0007	Weld displaying corrosion which may impact serviceability.	<input type="checkbox"/>
Air Supply	0007	Flange	Small Leak	2	PI 001	Leakage detected at pipe fitting connections using flange.	<input type="checkbox"/>
Air Supply	0005	Weld	Small Leak	1	PI012	Leakage apparent by strong feeling of wind connection. Please cover to seal and damaged.	<input type="checkbox"/>
Air Supply	0005	Flange	Corrosion	2	PI 008	Sealant corrosion...	<input type="checkbox"/>
Air Supply	0002	Tubing	Support				<input type="checkbox"/>

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