



Swagelok®

Swagelok Sub-Saharan Africa

Swagelok® Onsite Services

Local Solutions. Global Support



Every day, Swagelok fluid system specialists work with customers in diverse industries across the globe to tackle pressing design, installation, operation, and maintenance challenges. Whether you are focused on identifying issues, finding the right solutions, or optimizing your processes, find out how Swagelok® onsite services can help.

Gain the Support You Need Where You Need It

Swagelok® onsite services bring our technical expertise, application experience, and industry knowledge to you. Our fluid system specialists visit your facility, evaluate your fluid or sampling systems, advise on installation practices, and recommend system enhancements via detailed reports tailored to address your most pressing challenges.



Onsite Services Help You...



Promote Safety

Protecting your people, systems, and reputation starts with avoiding exposing team members to hazards related to improper fluid system design, installation, and maintenance, as well as leaks. We

provide recommendations to fix issues that could cause potential safety incidents or violations through:

- Leak identification
- Design risk evaluation
- Product selection assistance
- Fluid, sample, and steam system analysis
- Training and process recommendations

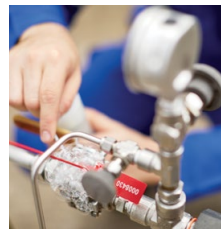


Reduce Costs

If reducing costs related to fluid system operations and maintenance is your goal, Swagelok field engineers can assist in uncovering the most efficient, effective means of doing so. With onsite services, we

can help you reduce operating costs by identifying:

- Design optimization opportunities
- Installation errors
- Costly leak points
- Opportunities to improve accuracy
- Component substitutes for longer life
- Inventory reduction possibilities
- Standardization opportunities



Optimize Resources

If you're being asked to do more with reduced budgets and fewer experienced staff, we can help you streamline system installation, identify lower-maintenance components and designs, improve production quality

and profitability, and train your team. We provide:

- Repair prioritization
- Design services
- Fabrication and assembly services
- Product selection consulting
- Bill of materials (BOM) and piping and instrumentation diagram (P&ID) generation
- Customer training on best practices
- Preventive maintenance recommendations



Increase Uptime and Reliability

Equipment downtime hurts your production revenue, strains your repair budget, and takes team members away from other important focus areas. Swagelok specialists can help you recognize fluid system

issues and prioritize improvements through:

- Leak detection and potential failure point identification
- Component selection for peak system life span
- Component registry for faster replacement
- Optimized sampling system design, reducing unnecessary analyzer calibrations and process changes
- Hose selection, installation, and maintenance recommendations

Don't Face Your Fluid System Challenges Alone

Whether you are seeking to ensure reliable fluid system operation, boost process efficiency, reduce unplanned downtime, increase processing margins, lower operating costs, or all of the above, our services are designed to help you succeed.



Find the Ideal Components for Your Application

Do you suspect that improper products are causing your fluid systems to under perform? We can help by

finding and addressing issues with your:

- Fittings
- Valves
- Regulators
- Gages
- Hoses
- Tubing

Contact your local authorized Swagelok sales and service center to find out how we can assist you in selecting, assembling, and installing the right products to increase uptime and reliability while making your system safer, more efficient, and cost-effective.



Take Advantage of System-Specific Expertise

Swagelok fluid system specialists have the knowledge necessary to assess your overall system

health and find opportunities to improve functionality.

We specialize in optimizing:

- Analytical instrumentation
- Sampling systems
- Pump systems

Swagelok field engineers can also provide guidance on system design, oversee installation practices, and deliver training to your team as needed. Whether you need to improve your existing systems, want an expert's opinion on a new system design, or want help with training your team to install and maintain systems well, consider Swagelok onsite services.



Explore Our Onsite Services
Enhance your system reliability, process efficiency, and margins. Reduce downtime and operating costs. [Start here.](#)

Fluid System Evaluation & Advisory Services

Find out where issues within your fluid systems are jeopardizing system functionality, as well as how your system designs could be tweaked to benefit your business.

Sampling System Evaluation & Advisory Services

Improve sampling system reliability, reduce operating and maintenance costs, and identify unseen opportunities for system improvement

Leak Detection Services

Identify leaks in your gas systems, find out how much cost and risk they contribute to your business, and prioritize enhancements accordingly.

Hose Advisory Services

Eliminate a variety of hose-related issues that cause safety concerns, unplanned downtime, low product yield, and costly parts replacements.

Grab Sampling Support

Work with our experts to produce more accurate, compliant, and safe samples while reducing your grab sampling costs.



Discover the Swagelok Difference

Swagelok onsite services are driven by local field engineers and fluid system specialists who provide rapid support, application expertise, and actionable recommendations to help customers increase operator safety, decrease costs, and improve profitability. Work with a team that:

- Is engineered to perform under pressure, built upon a foundation of success started 70+ years ago
- Completes a rigorous training and development program taught by recognized industry experts
- Has experience working with diverse industrial fluid systems and OEM equipment packages
- Is supported by a global network of experienced professionals with ties to more than 200 authorized sales and service centers in 70 countries
- Has designed and optimized systems that overcome challenges for diverse customers worldwide



Swagelok® Fluid System Evaluation and Advisory Services

Improve Performance and Safety. Reduce Costs and Labor Time.

Let us help you solve your biggest fluid system challenges—quickly and efficiently. Our Fluid System Evaluation and Advisory Services brings our technical expertise, application experience, and industry knowledge onsite to help optimize your safety, productivity, and profitability. Our local certified associates help you diagnose and resolve fluid system issues to improve operational performance, reduce cost and labor time, and help control safety, quality, and environmental challenges.

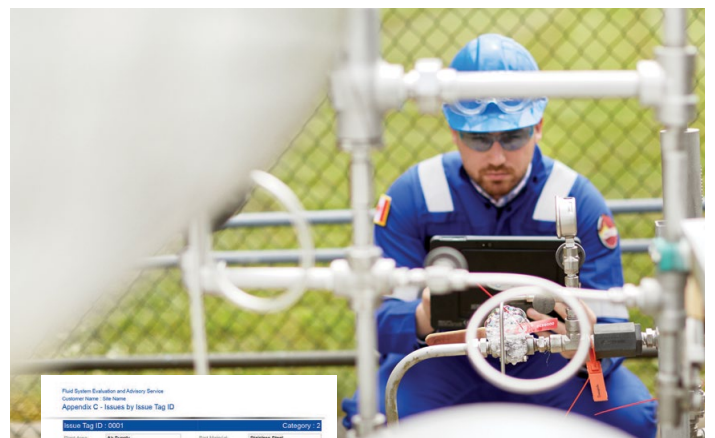
Our fluid system experts will evaluate:

- Specific components such as fittings, tubing, hoses, valves, and gauges for best practices to ensure fluid system operation
- Compressed gas systems for opportunities to reduce leaks
- Overall fluid system health for maximum uptime
- You receive a comprehensive report created to identify

Key issues and recommend solutions, including:

- Costs of existing, unrepaired leaks
- Concerns categorized by severity
- Photos to clearly identify locations of problems
- Steps that can be taken to remedy them

Visit swagelok.com to learn more about our **Fluid System Evaluation and Advisory Services**, or contact your local sales and service center to schedule an appointment.



Issue Tag ID: 0001		Category: 2	
Manufacturer:	All Brands	Part Name:	Ball Valve Steel
Customer Tag ID:	PK-03C	Connection Type:	
Location:	North Side of Plant	Connection Size:	1/2 in
Part Description:	3/4" 150 PSIG Pressure Gauge		
Pressure Rating:	150 psig	Type of Part:	Measurement Devices
Material:	316 SS	Manufacturer:	Unknown
Temperature:	75 °F	Part Number:	
Issue:	Gauge is being used near max range which may cause damage and over pressurization		
Correction:	Replace component(s) according to manufacturer's instructions		
Clear Change:			
Created by:	ms		
Updated by:	ms		
Updated ID:			

IMPORTANT: Always deenergize the system before working on, disassembling or assembling a fluid system. Safety-related instructions, warnings, and cautions must be followed. The fluid system design must be maintained to ensure safe, trouble-free operation. If you are unable to identify a problem, please contact Swagelok for assistance, training, and maintenance.

NOTE: Show the Part Number as followed by "1" if it should be confirmed before placing an order.

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 Approved: [Signature]
 Swagelok

See reverse for a detailed sample report used by our Fluid System Evaluation and Advisory Services team.

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

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	Equiv Swagelok Part:	PGI-63C-PG100-LAOX
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 dB:		n/a	
Ultrasound ID:		n/a	

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 : 1 (Number of Issues in this Category : 3)

Issue Tag ID	Part Type	Issue	Plant Area	Cust Tag ID	Description	Fixed
0003	Hose	Small Leak	Air Supply	F0012	Leakage apparent by snoop testing at end connection. Hose cover is worn and damaged.	<input type="checkbox"/>
0009	Fittings	Under-tightened	Air Supply	NA	Tube fitting measured with gap gauge to be severely under-tightened. Fittings are installed with no clearance for maintenance.	<input type="checkbox"/>
0004	Fittings	Integrator	Air Supply	F 0036	Defective with	<input type="checkbox"/>

Information Also Sorted by Category and Plant Area

IMPORTANT: Always depressurize the system before working on, disassembling or assembling a Product Selection. When selecting a product, the total system design must be considered to ensure free performance. Function, material compatibility, adequate ratings, proper installation, operation 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

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 Appendix C: Page 1

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

Plant Area : Air Supply (Number of Issues in this Plant Area : 9)

Issue Tag ID	Part Type	Issue	Category	Cust Tag ID	Description	Fixed
0008	Fittings	Small Leak	2	CV 0045	Leak at fitting end connection detected by Snoop, appears to be missing PTFE tape	<input type="checkbox"/>
0006	Valves	Corrosion	2	CV 0087	Valve displaying corrosion which may impact serviceability	<input type="checkbox"/>
0007	Piping	Small Leak	2	F 0001	Leakage detected at pipe fitting connections using Snoop	<input type="checkbox"/>
0003	Hose	Small Leak	1	F0012	Leakage apparent by snoop testing at end connection. Hose cover is worn and damaged.	<input type="checkbox"/>
0005	Fittings	Corrosion	2	G 0265	Severe corrosion present at tee, elbow, and gage body	<input type="checkbox"/>
0002	Tubing	Support	3	NA	Tubing is not supported which may lead to	<input type="checkbox"/>

Swagelok®

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