



## Swagelok® Compressed Gas Leak Detection Services

# Minimize Leaks. Maximize Efficiency.

### Look to Local Specialists to Find and Fix Your Fluid System Leaks

Whether you are aware of them or not, fluid system leaks can cost you time and money, and can compromise the safety of your team members. If you experience utility costs rising, safety alarms activating, production or lab processes becoming difficult to control, or product batches failing to meet quality standards, system leaks may be to blame. Find them and adopt a plan to fix them by working with Swagelok.

Using proven leak detection methods and Swagelok's proprietary onsite inspection mobile application, Swagelok fluid system specialists will perform a thorough evaluation of your fluid systems in order to identify and quantify the source and cost of each compressed gas leak.

Next, they will provide a list of recommendations prioritized by urgency and ROI so that you can eliminate leakage and risk factors while conserving valuable resources as efficiently as possible.

### Recommendations Resulting From Swagelok® Compressed Gas Leak Detection Services Help:

- Mitigate safety risks
- Improve fluid system efficiency
- Increase reliability of outputs
- Reduce energy consumption
- Reduce operating costs associated with gas leaks
- Reduce emissions in everyday plant operations

### Find Hidden Opportunities to Increase Profitability

Every day that a leak goes unaddressed, it's hurting your organization's bottom line—and it could hurt your employees. The sooner you make a concerted effort to locate and stop your leaks, the better off you will be.

### Get Started Today

Learn more about our [compressed gas leak detection services](#) as part of our comprehensive onsite services. Contact your [local authorized Swagelok sales and service center](#) 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	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	Undertightened	Air Supply	NA	Tube fitting measured with gap gauge to be severely undertightened. Fittings are installed with no clearance for maintenance.	<input type="checkbox"/>
0004	Fittings	Intermix	Air Supply	T.0036	Barker tee 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 : 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	<input type="checkbox"/>
0002	Tubing	Support				<input type="checkbox"/>

**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, 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.

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