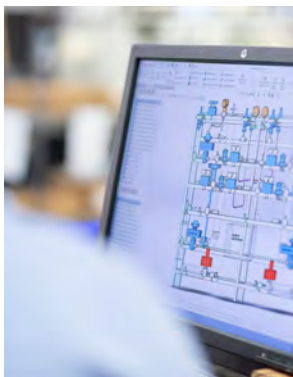




## Swagelok® Grab Sampling Evaluation and Advisory Services

# Improve Your Grab Sampling System Performance.



### Get Support Through Swagelok® Grab Sampling Evaluation and Advisory Services

Without proper grab sampling system design and maintenance, critical actions like capturing, handling, and analyzing your samples can be difficult to achieve.

When you isolate and capture a process fluid for further evaluation, you need samples that are safe, representative, and compliant. Working with Swagelok's team of trained advisors can help you identify issues affecting sample quality and opportunities for enhancing system performance.

Have Swagelok's sampling system specialists visit your facilities to inspect your grab sampling systems, document their findings using Swagelok's proprietary onsite inspection mobile application, and recommend ways to produce more accurate and timely samples while reducing your costs. Look to them for suggestions on fixing or avoiding installation issues, collaboration on design based on best practices, or even fabrication and assembly of reliable grab sampling panels for your business.



### Learn More

Our [sampling system training courses](#) combine our product and sample systems knowledge with insight from recognized leaders in the field, including Tony Waters, industry expert and author of the technical reference book, *Industrial Sampling Systems*. Gain valuable knowledge from seasoned instructors, each with

over 30 years' experience, no matter your industry or level of experience.

### Get Started Today

Learn more about our [grab sampling evaluation and advisory services](#), as well as our comprehensive sampling system evaluation and advisory 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

<b>Issue Tag ID : 0001</b>		<b>Category : 2</b>	
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-0026	Parker 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.

Report Generated : 20-Apr-2018 15:02  
Appendix C, Page 1

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