



Swagelok® Sampling System Evaluation and Advisory Services

Improve Your Reliability With Swagelok Sampling System Evaluation and Advisory Services.

Understand the Adjustments Needed for Representative Sampling

Inaccurate samples can result in sampling system inefficiency, affecting overall quality of your process outputs. Improve your sampling system accuracy by having experts visit your facilities to conduct in-depth analysis of your sampling systems, from process tap to analyzer.

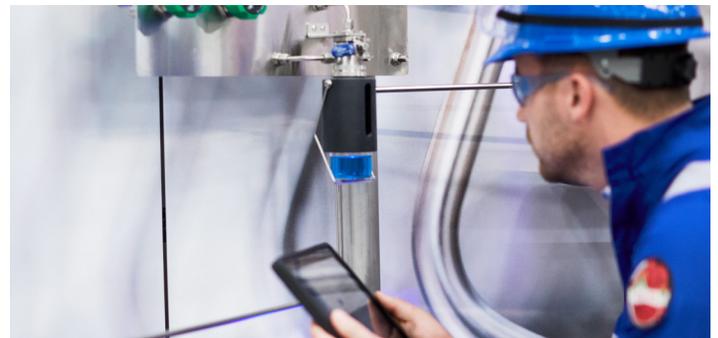
Swagelok sampling system specialists ensure your samples are representative of process fluids, are delivered to the analyzer in a timely manner, and are compatible with the analyzer. As they evaluate your systems, they will document their findings using Swagelok's proprietary onsite inspection mobile application and offer recommendations. The results can include increased productivity, reduced operating expenses and maintenance costs, and identification of unseen opportunities for overall system improvement.

We Document Your Existing Systems and Provide a Detailed Report, Helping You:

- Eliminate causes of poor sample quality, such as blockage or moisture carryover
- Reduce required maintenance and analyzer downtime by optimizing system design, including proper probe design and tap location
- Resolve issues caused by high particulate loads by implementing filter and separator best practices and calculating sample transport times

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 [sampling system evaluation and advisory services](#) as part of our comprehensive onsite services. Contact your [local authorized Swagelok sales and service center](#) to schedule an appointment.

Swagelok

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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.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
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