



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-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.

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