

YOUR SAFETY: OUR TOP PRIORITY

Since its inception more than 70 years ago,

the Swagelok name/brand has been synonymous with ultimate Fluid-System safety and performance. From our industry-leading tube fittings, valves, gauges, hoses, tubing, and related componentry...to our ever-expanding portfolio of proven productivity-boosting strategic services such as Custom Fabrication, Technical Training, and Energy/Hose Evaluations and Advisories, we are your trusted **Solutions Provider** to help maintain a safe and healthy workplace – and Bottom Line, no matter how challenging your application or operating environment:

Our one-day **Swagelok Tube Fitting Installation & Tube Bending Safety Essentials** course is the perfect primer for new maintenance technicians – or refresher for veteran staffers – to ensure that they know how to safely and optimally assemble and reassemble our tube fittings. We also offer *Hose Essentials* and *Valve Essentials* half-day classes that focus on the safe use and care around those products. Plus, we can bring any of our **Technical Training** titles directly to your site or project location.



If a Swagelok-warranted, premium-quality, turnkey fabricated panel, enclosure, or simple assembly makes good financial or functional sense when you simply have to get more out the door faster, consider our **Custom Fabrication** services. All work is done by our Swagelok-certified technicians – once our Applications Engineer has consulted/collaborated with you, taken critical measurements, provided conceptual and formal CAD drawings, issued a quote, and built a bill of materials – with the eventual fabricated solution delivered as one part number.

Complimentary and comprehensive Swagelok **Energy Evaluations** will identify the dangerous and costly leakage within your fluid system. Such inefficiency is draining your profitability – as you lose media, production, and risk worker safety, equipment damage, off-spec final product, and even non-compliance fines. We also conduct free **Hose Advisories** that yield a highly detailed report on how you can immediately and significantly improve your current industrial hose usage and safety/storage practices. Our certified Hose Advisors can also help you set up a routine preventative-maintenance schedule. **Swagelok is Synonymous with Safety!**



don't let WINTER deep-freeze your PROFITS

As temperatures continue to plummet, your critical instruments and lines become increasingly threatened or compromised, potentially resulting in costly repairs, excess downtime, lost revenues, or, perhaps, harm to employees.

Here are five trusted ways to avoid the likelihood of a devastating cold-weather emergency outage:

1

Insulation:

Especially effective when your ambient temperature doesn't dip far below normal operating readings. However, long-term exposure to extremely low temperatures will necessitate additional external heat. Swagelok solutions include **multi-jacketed tubing**, **single-jacketed tubing**, and **insulated tubing**.

2

Heating:

Cost-prohibitive if not carefully deployed. Heated enclosures are an ideal option – as are **pre-insulated steam-traced** or **electric-traced tubing** and **jacketed valves/hoses/tubing**.

3

Vent & Drain:

An excellent way to remove excess material from any lines and equipment that will not be used throughout the winter. Also drain or vent lines during shutdowns. Plenty of viable Swagelok **valves** to consider, especially our **bleed and purge valves**.

4

Bypass Lines:

To ensure continuous flow in freezing temperatures, add such lines to critical points in your process. Swagelok solutions: **flexible tubing**, **valves**, and **related componentry**.

5

Hot Air Circulation:

Via aerial exchangers, instrument or equipment housing, and flushing connection points, keep warm air flowing through your pump houses, facilities sheds, and similar locations. Our **pre-engineered subsystems** offer unparalleled protection against system failure.



PRESSURE RELIEF

If any (or maybe all?) of these stressful scenarios sound familiar...


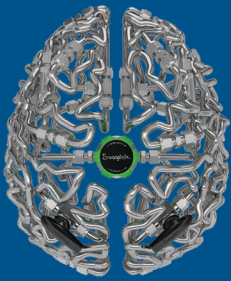
- "I am under pressure to replace the knowledge of my retiring workers."
- "I am under pressure to constantly balance resources to meet the needs of my business."
- "I am under pressure to improve the accuracy and efficiency of my fluid systems."
- "I am under pressure to keep my fluid systems running safely."

...Swagelok Pittsburgh | Tri-State Area can provide a wide array of truly difference-making solutions to help ease your major business challenges:


UP TO **50%** of your skilled workers **COULD RETIRE** in the next **10 YEARS.**

Here's how we can support you to bridge your existing or upcoming knowledge drain:



- Technical Application Consultation:** Whatever your fluid-system requirement, we have the know-how and on-hand inventory to keep your workers and workplace safe and productive so you can get more out the door on-time, on-plan, and on-budget.
- Technical Training:** Choose from our Fitting Installation & Tube Bending Safety Essentials, Advanced Tube Bending, Hose Essentials, or Valve Essentials titles. We'll even come to your site to conduct your class! We supply all training materials; you simply need to show up. All courses are hands-on so students leave confidently knowing how to safely and properly assemble a fluid system.
- Energy-Loss Evaluations:** We'll tell you precisely where you're losing costly gas or air – and give you expert recommendations on how to boost your overall system performance and efficiency. A no-charge service!
- Industrial Hose Advisories:** At zero cost to you, we'll map your current hose usage, monitor your hose-storage practices, and help you set up a routine preventative-maintenance schedule.



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YOUR **PRODUCTION** IS ON AN **UPTURN...** BUT YOUR **RESOURCES** ARE **SHRINKING.** *We can lend a hand:*

- Expert Custom Fabrication:** If your panel, enclosure, skid, or assembly work is taking too long, costing too much, or putting you at too great an operational risk...or if you lack the necessary equipment, specialized skill sets, or simply have too little labor for your current workload...or if scrap and rework are hampering your site's profitability, our Swagelok-warrantied, turnkey fabricated solutions – delivered as a single part number – will quickly help you realize a healthier Bottom Line.
- Proven Inventory Control:** Get complete visibility and accountability around your Swagelok product spend – while ensuring that you always have our componentry where and when you need it – with our RoboCrib dispensers. Eliminate costly purchase orders, too!



INACCURACIES in your **FLUID SYSTEM** could affect the quality of your **FINAL PRODUCT**

A Swagelok check-up could be the first step to long-term total system health:

- Energy-Loss Evaluations
- Industrial Hose Advisories
- Technical Training



UP TO **42%** of safety incidents are due to **PREVENTABLE ERRORS.**

We can help you operate safely and confidently:

- Technical Training
- Energy-Loss Evaluations
- Industrial Hose Advisories
- Technical Application Consultation



So much more than a componentry supplier – Swagelok Pittsburgh | Tri-State Area is your trusted and proven Fluid System Solutions Provider!

CONTACT US

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FOLLOW US



ENGINEERING YOUR COMPETITIVE ADVANTAGE

Of the 20 associates at Swagelok Pittsburgh | Tri-State Area, 25% are certified Engineers...

*...three from our **Management Team**, one from **Fabrication**, and one from **Sales**:*



Greg Hines,
President
BS, Mechanical Engineering
Ohio University



Jim Kasperik,
Operations Director
BS, Mechanical Engineering
Carnegie-Mellon University



Rich Somplatsky,
Sales Director
BS, Mechanical Engineering
Penn State University



Gary Osman,
Applications Engineer
BS, Civil Engineering
Penn State University



Bob Sarber,
Sales Engineer
BS, Mechanical Engineering
West Virginia University

PUT US UP AGAINST YOUR WALL

Email rudy.frank@swagelok.com for your FREE 2019 Swagelok wall calendar.



Design features large date blocks for your daily tasks and reminders.

But hurry – supplies are limited!

