



Upper Class

Introducing our **All-in-One-Week** Swagelok 101 Safety & Productivity Course

Now, for a limited time and at a special combination rate, you can enroll your maintenance technicians and system engineers in our **five-day, fully hands-on curriculum** of every title we offer:

MONDAY: Tube Fitting Installation & Tube Bending Essentials

TUESDAY: Hose Essentials & Valve Essentials

WEDNESDAY-FRIDAY: Advanced Tube Bending

- Can be conducted at your facility, project site, or at our leading-edge Training Center
- We supply ALL training materials; students simply just need to show up
- We can start/stop each class day at whatever hour works best for you
- All graduates receive a certified Swagelok Completion Certificate for EACH class taken
- All Swagelok Customer Training classes count toward Continuing Education credits
- We even provide a continental breakfast and lunch each class day
- All Swagelok courses come with a complete money-back guarantee

Give us one week – and you'll be far safer and more efficient...with drastically reduced, costly... and sometimes dangerous... leakage!

You'll Learn How To:

- assemble/reassemble a tube fitting
- handle, prepare, cut, and deburr tubing
- bend tubing of various materials and diameters
- spot common connection errors and issues
- properly choose the valves and hoses to ideally address your applications/conditions
- troubleshoot valves
- route, size, clean, and store industrial hoses
- use a hand tube bender and a manual benchtop tube bender
- apply the traditional measure-mark-bend AND Swagelok Master Method of bending
- make complex offset, rolling offset, parallel, and other challenging bends
- ...and so much more

Call or text **412.439.1706** to schedule your Swagelok Training event today.

Making Our Case(s)

Media leakage is expensive, potentially hazardous to workers, equipment, and end products, and usually easily repaired.

Here are just a few instances where Swagelok Energy-Loss services made a major positive financial and operating impact for our customers:



A chemical plant had significant leaks in its compressed air distribution system, making process control exceptionally difficult. Batches of final product too often failed quality standards and, thus, had to be discarded. Product bagging equipment was negatively affected, too.

Swagelok performed a leak-detection audit, not only identifying emission problems, but also finding root causes and overall system design issues. Swagelok then provided a detailed report that became a prioritized roadmap for the most critical repairs to ensure the site's improved future performance.

In total, our intervention saved the account over \$65,000 in air loss and overall air quality integrity.



A research lab was losing argon and nitrogen from their gas storage and delivery systems. Process efficiency and utility costs were deeply affected as well.

Swagelok visited and evaluated a portion of the site's lines using ultrasonic leak-detection gear, quickly finding numerous problem points. A summary was delivered with a dollar value of the leakage and how severely total operating costs were being impacted.

Thirteen large leaks were found to be responsible for more than \$10,000 in yearly gas losses. Once corrected, the site realized greatly improved performance – and actually increased the accuracy of its experiments.



A dairy production firm's compressed air system issues prevented control valves from operating properly and safely. As a result, numerous product batches sized between five and 500 gallons had to be disposed.

Swagelok came onsite and evaluated the plant's air and pneumatic valve control systems. Nearly 200 crucial system issues were identified as culprits for \$16,000 worth of annual utility losses. In addition, there had been an increasing number of recordable safety incidents. The Swagelok report showed the utilities manager exactly which repairs to make first to rapidly boost productivity and eliminate future dangers to staff and valuable assets.



A power/water utilities provider needed to make sure its hired contractor was properly installing leak-tight fluid systems.

Swagelok experts performed a lengthy audit after the contractor had completed its initial work. We quickly found opportunities to prevent some \$76,000 in annual leakage losses at the power plant.... AND more than \$150,000 of the same at the water facility. No surprise the startup was abruptly halted in areas where hazardous gases were involved. Our engineers also made sure the site was aware that Swagelok will collaborate with contractors prior to the actual beginning of any project to ensure top-quality, reliable, and ultra-safe system installations.



Lastly, another customer had a nitrogen blanketing system that exposed flammable substances to oxygen while also releasing volatile compounds into the air, jeopardizing worker safety and setting off alarms that caused a plant shutdown.

Swagelok did a gas-detection survey that found precisely why there was such potentially catastrophic leakage. Again, a comprehensive report was issued to show the site what to fix first and how.

Customer saved an estimated \$18,000 of nitrogen per year.

To sign up for your Swagelok Energy-Loss or Hose Advisory, call or text 412.439.1706 today!

WORD ASSOCIATION



When it comes to unparalleled brand eminence and delivering on promises, Swagelok Pittsburgh | Tri-State Area – and its people, products, and processes – will not let you down. In fact, for more than 60 years, we’ve delivered the leak-tight goods and perfectly aligned support services to enable you to operate more safely, productively, efficiently, and profitably – no matter your market or application challenges.

*UNPARALLELED
RELIABILITY*

*DEMONSTRATED
SUSTAINABILITY*

***SAFETY
FIRST***

*TRUSTED
AVAILABILITY*

*PROVEN
HISTORY*

*EXPERT
CAPABILITIES*

*PREMIUM
QUALITY*

*VAST
VARIETY*

*PROMISED
PROFITABILITY*

*SUPERIOR
PRODUCTIVITY*

BUILD YOUR PRODUCTIVITY

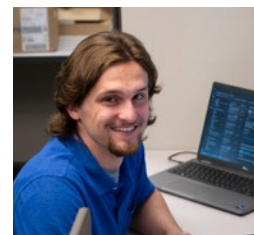
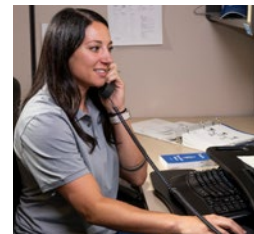
*Upon Our Three **P's***

PEOPLE

Our highly skilled and trained Outside and Inside Sales Representatives are always customer-first in attitude and ready and willing to help you choose the best Swagelok tooling for a particular application or project, no matter your industry or job challenges.

We have six engineers on staff, including a Swagelok Application Engineer with extensive expertise and experience in Grab Sampling, Mechanical Seal Support, and Gas Distribution. Plus, we have skilled CAD personnel who can assist with your P&ID needs.

Our Warehouse staff ensures that your orders are always delivered on time, employing our state-of-the-art carousel picking system, loaded with some 3,000 SKUs, to accurately get you just what you need – right when and where you need it. Plus, we keep a massive inventory of pristine stainless steel tubing, in various diameters, to meet your ever-increasing demands.



PROFICIENCIES

Whether you require a custom-built assembly or need precise orbital welds or large tube bends, we have masterful technicians who expertly perform such tasks to your exact specifications and timelines. All our fabrication work is fully warranted by Swagelok Company.

Bottom line: We can help you get more out the door faster and affordably, especially when your production/delivery schedules are overwhelming:

- Panels
- Enclosures
- Skids
- Sub-Assemblies
- Test Stands
- Relief Valve Setting
- Sample Cylinder and Hose Maintenance Programs

And: We have dedicated, quality-controlled Bending, Coiling, Cutting, Welding, Testing, Inspection, and Packaging stations within our 5,000-square-foot staging and work center.



PRODUCTS



Fittings

For unparalleled leak-tight connections between fluid-system componentry since 1947



Valves

Reliably control flow across a broad range of working pressures, temperatures, and operating conditions



Regulators

Consistently and accurately maintain pressure levels over extended operating lifespans



Hoses

Available in a vast array of materials, pressure ratings, and flexibility degrees



Assemblies

Designed, built, and tested by Swagelok-certified engineers and technicians

10 TOP TIPS

*for Ultimate System Safety
and Performance*



*Follow this expert advice to keep your componentry running optimally,
no matter what your media or application:*

1



Choose a supplier who can expertly assist you with selecting the ideal fittings, valves, hoses, gauges, and such for your specific applications

6



Always create enough proper workspace for your maintenance staff to complete their work, especially access to system componentry

2



Identify the best materials for your individual components based on precisely what each carries

7



Always locate valves and other products in areas where performance will not be severely impacted by excessive vibration; use tubing supports, if necessary

3



Make certain to follow your chosen manufacturer's install instructions to the letter; thoroughly read all included manuals

8



Check that all components enable fluids to flow in the same direction to prevent backups and leaks

4



Put your maintenance technicians through any offered training, including how to safely assemble and disassemble systems

9



Check and recheck that all installations are secure and tight to eliminate downtime and costly (and potentially dangerous) leakage

5

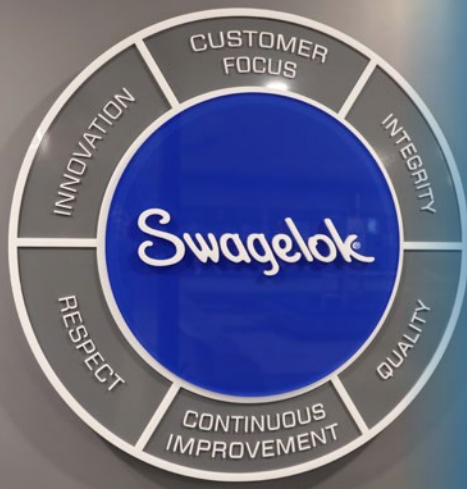


Never ignore the operating parameters of your system when repairs or replacements are required

10



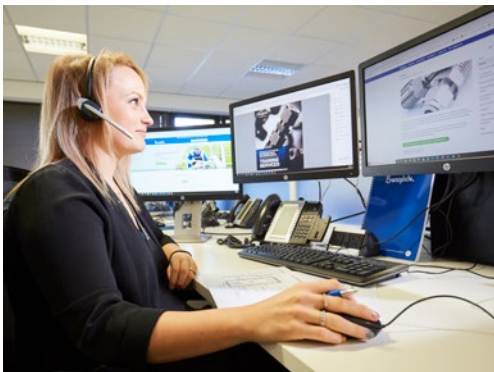
Lastly, and most importantly, "guarantee" that ALL system componentry is safe, especially those items that could be worn or damaged



BEHIND the BRAND

Swagelok is more than the name on the world's most reliable and dependable leak-tight fluid-handling products and associated services. Far more. It's the proven and trusted mark for how responsibly our company operates – locally and globally. Always has, always will.

Swagelok Company maintains strict policies, procedures, and leadership oversight to aggressively promote ethical conduct, complete compliance with laws and regulations, and highly effective and regimented risk management. We also closely monitor the labor practices, human rights policies, integrity, and environmental stewardship of each and every Swagelok supplier.



Whether it's helping you to control harmful emissions or enabling you to meet or exceed your regulatory requirements and sustainability goals, count on us to always do the right thing to enable you to do more... safely and more effectively.



FULL STEAM ***(CLASS) AHEAD***



Swagelok Pittsburgh | Tri-State Area now offers

STEAM AND CONDENSATE ESSENTIALS

Duration: 2 DAYS

LEARN ALL ABOUT:

- Steam Overview
- Steam Tables
- Flash Steam and Recovery
- Steam/Condensate Distribution Piping
- Steam Valves
- Condensate Recovery Systems
- Steam Traps
- Waterhammer
- Steam Cost and Quality
- ...and SO much more

Class is taught by a renowned worldwide steam subject matter expert...and can be conducted at your location or at our Pittsburgh Training Center. You will use specially designed Steam Training Prints and will perform multiple solo and group tasks to demonstrate that you've understood and can apply the event content.



*To get more details or to register for a class, **call or text 412.439.1706.***

Coming in August...

Join us once again at the beautiful UPMC Events Center on the Robert Morris University campus for the **2025 Appalachian Gas Measurement Short Course, August 4-7.**

Last year, almost 2,000 students attended this prestigious session, an all-time record.

We'll be displaying our product lines, instrumentation assemblies, and other supplemental support services. And don't forget to register for our industry-best **Tube Bending Safety** class on **Thursday, August 7, 10am until 11:30am.** You'll get a chance to show us what you can already do – so that we can offer further expert advice on how you can bend even better – to install and maintain optimized fluid systems.

Watch for our next issue of *The Shale Play* later this month for full AGMSC details.

Congratulations to
**Bronson Bennett,
an Operator I at EQT,**

for winning our Swagelok Golf Package at the Eastern Gas Compression Roundtable, in Pittsburgh, in early May!



SWAGELOK PITTSBURGH | TRI-STATE AREA
YOUR LOCAL FLUID-SYSTEM EXPERTS

PITTSBURGH.SWAGELOK.COM | 412.761.3212 |   

All service marks and trademarks shown are owned and registered by Swagelok Company. © 2025 Swagelok Company. www.swagelok.com

