



WHY SWAGELOK?

Find YOUR Answer in *The Swagelok Advantage*

1. We **understand** your workplace realities
2. We **offer** the industry's unparalleled, premium-quality, leak-tight Products and supplemental Strategic Services to help you overcome even your toughest application challenges
3. Most importantly, we are **built** to fully support your safety, productivity, efficiency, performance, and profitability



OUR FOUR FOUNDATIONAL PILLARS

Uncompromising Product QUALITY:

Reliable Performance You Can Trust



Our Componentry is designed and made for repeatable, leak-tight results in even the most demanding applications.

Best-in-class fittings defect rate of only 27 PPM

Dependable Product AVAILABILITY:

The Right Products When and Where You Need Them



We provide massive inventories, shorter lead times, and proactive communication.

90% of standard products on shelf at order

Global STRENGTH / Local SUPPORT:

Rapid Responsiveness When and Where You Need Us



Swagelok Pittsburgh | Tri-State Area is driven by the full power of Swagelok Company as we address your systems, requirements, and timelines – exceeding your expectations.

200+ global locations serving 100,000 customers

Technical EXPERTISE & Problem Solving:

Trusted Answers for Your Toughest Challenges



Our unparalleled field-ready know-how helps you diagnose problems faster – for optimum and ever-expansive team/system performance.

450 local field engineers solving problems

Connect with us today to discuss YOUR applications.

We can safely, quickly, and effectively help YOU move forward with confidence.

P: 412.761.3212

E: PITT@swagelok.com

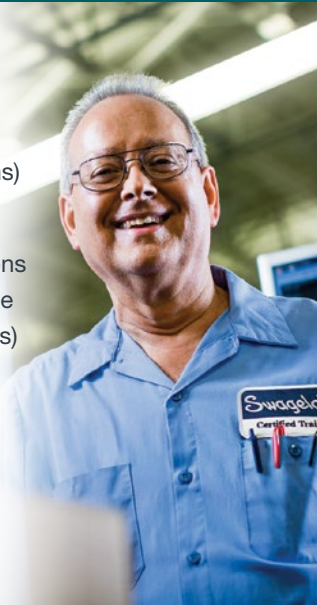
SAFETY / ***SUSTAINABILITY*** / ***SWAGELOK***

Since 1947, Swagelok Components have delivered safe, premium-quality, leak-tight performance in the world's most challenging Oil-and-Gas, Chemical, Refinery, Power Generation, General Industrial, and Research and Development fluid-system applications.

Simultaneously, we have always been passionately committed to protecting the environment, minimizing our carbon footprint, and, most critically, safeguarding the communities in which we operate.

WE ARE FULLY DEDICATED TO:

- Reducing Scope 1 Greenhouse Gas Emissions (originating from our on-site fuel combustion for heating/manufacturing operations) by 42% by 2030
- Reducing Scope 2 GHG Emissions (associated with the electricity we purchase to power our processes) by the same percentage and by the same year
- Responsible handling, storage, and disposal of chemicals at all our manufacturing sites



- Adhere to all applicable compliance obligations required by local laws/agencies
- Establish objectives to enable us to continually improve our environmental performance
- Incorporate environmental responsibility into our overall business fabric and initiatives
- Maintain our **ISO 14001 Environmental Management System** to guide our efficient use of resources and waste reduction efforts – while simultaneously fostering a culture of environmental responsibility among our associates at all levels



WE UNDERSTAND

and can help substantially improve your day-to-day efforts to optimize productivity and efficiency – all while we help keep our world safe and clean!



PANEL-RAMA

We can save you time, money, and worry when your production struggles to keep up with demand.

We're your local proven and trusted resource for top-quality, expertly designed and built, fully tested, inspected, and packaged sub-assemblies and assemblies that will positively impact your Bottom Line.

Our Panels incorporate as few connections as possible to ensure a repeatable, leak-tight, minimal-maintenance performance – no matter what your application.

We've even simplified your reordering and administrative processes by assigning just one part number to each assembly.



Our fabrication procedure is simple:

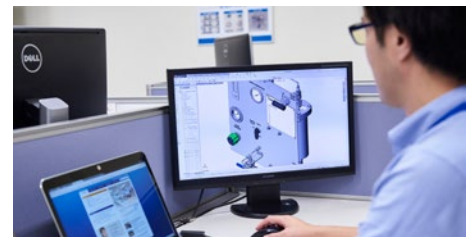
- Listen to your objectives and requirements
- Apply our CAD software to create a highly detailed model with your specifications
- Deploy our three Swagelok trained-and-certified master technicians to construct your panel in our leading-edge, climate-controlled shop
- Inspect, test, wrap, and deliver...on-time and within-budget

DID YOU KNOW?

We also offer complex Large-Diameter Tube Bending, Orbital Welding, Sample Cylinder and Flexible Hose Maintenance Programs, P&ID Designs, and so much more.

Why wait another day in your ongoing quest to slash engineering, inventory, scrap, waste, rework, and other costs?

Call 412.761.3212, ask for Tim Davis or Mikhaila Stang



Give Us One Day. Give Yourself a New Skillset.

In a single, affordable, eight-hour class, we can teach you to safely and properly install tube fittings and bend tubing. You will practice, practice, practice to learn the optimal methods to assemble a fluid system.

We supply all training materials, even lunch – whether your session occurs at your facility or project site OR at our Pittsburgh Training Center. We can accommodate the start-stop times that are most convenient for your schedule. Our Tube Fitting Installation & Tube Bending Safety Essentials course comes with a complete money-back guarantee and counts toward Continuing Education credits.

Best of all, each graduate receives TWO Swagelok certifications (Install/Bending) for just one day of class!



To invest in your improved safety and productivity, contact:

Rudy Frank, Director – Strategic Services & Marketing

Email: rudy.frank@swagelok.com **Text/Call:** 412.439.1706

To Supplement Our Componentry...

We also offer a full array of Swagelok Accessories and Rental Gear:

THE SWAGELOK TUBE FITTER'S TOOL CASE

Highly durable, easily portable, and weather-resistant

Case Includes:

- Hand Tube Bender
- Tee Wrenches
- Pre-Swaging Tools
- Ratchet Wrenches
- Tube Deburring Tool
- Gap Inspection Gauges
- Depth Marking Tools
- Tube Cutter
- Tube Fitter's Manual



And if your need is short-term or infrequent, we rent – by the day, week, month, or project length:

- **Multi-Head Hydraulic Swaging Units**
(for 1" and over or 1" and under installations)
- **Benchtop Tube Benders** (manual, with tripod)
- **Orbital Welding Packages**
(power supply, heads, facing tools, and peripherals)

**Call 412.761.3212 today to reserve your genuine Swagelok equipment
...and, if desired, a FREE demo of any of our rental tools**

The Most Powerful Form of Advertising

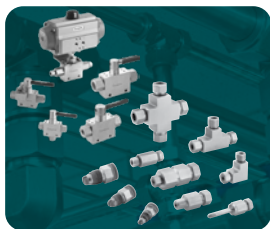


Just a few customers speaking recently on our behalf:

1

A major Oil and Gas company needed products to provide unfailing output while withstanding 15,000 psi operating pressures on nine chemical injection skids – each with 1,500 connections (or leak points).

Swagelok FK-Series compression tube fittings, made of premium 316 stainless steel, for temperatures up to 1,000° F and working pressures up to 20,000 psi, were employed. Customer experienced zero leaks, thus saving more than 160 man-hours of maintenance labor.



2

A large Electric Power firm had multiple high-voltage transformers, each insulated with non-toxic, non-corrosive SF6 greenhouse gas for excellent thermal conductivity and chemical stability, that required routine monitoring of moisture levels. Maintenance staff, though, struggled mightily to establish secure connections between site's monitoring equipment and the transformers.

Our Quick Connects became the standardized solution – easy-to-install with minimal spillage and air inclusion. Assembly was safe and simple and all insulating systems were securely protected.



3

A Chemical account's compressed air distribution system was harming the plant's ability to adequately control its production processes. End products frequently were of such poor quality, scrap and waste substantially built up.

Swagelok quickly determined the root causes of the problem, especially issues with the overall system design. New, highly innovative standards were developed for the site's numerous aging systems. Plus, we taught the maintenance technicians how to properly install tube fittings and bend tubing.

Result: \$65,000 saved in air losses!



4

A large Chemical customer had to determine for certain how the multiple specialty gases running through its 200 R&D-related lines were absorbed into the various auto materials being produced.

Swagelok Gas Distribution Panels ensured safe, leak-tight performance... not only eliminating potential problem connections, but delivering dedicated/safer purging lines, easy access to relief valves, an optimized workflow, and a much simplified overall maintenance process.



5

A Power Generation client simply had to decrease operating expenses to survive ever-increasing costs-per-kilowatt-hour – even as the amount of generated energy remained the same. The root causes for the rising utility usage were a mystery.

We were tasked to survey the compressed air and hydrogen systems, rapidly finding the key problem areas, and prioritizing repairs based on potential impact to the company's Bottom Line health. In all, we helped eliminate \$15,000+ worth of annual air losses in the site's emissions-control system.



6

Our Chemical & Refining customer struggled with significant shaft seal leakage on a centrifugal liquid ring compressor. Maintenance was far too frequent, at great cost and downtime.

We brought in our Rotating Equipment experts to produce drawings for a dual API Plan 32 seal flush panel. Installation was a snap and in very short order, the operations personnel could finally – and reliably – monitor their processes with considerably improved seal flushes.



7

A Natural Gas Processing account employed an outdated, unreliable, costly, and very time-consuming methodology to check for leakage during plant turnarounds. Some flanges actually took a full 30 minutes to monitor media loss.

However, a Swagelok Energy-Loss Evaluation, using leading-edge detection equipment, helped the site's maintenance staff to not only quickly find and measure the leaks, but to determine each faulty connection's root cause. Usually, subpar fitting installations were the culprit. All totaled, our surveying techniques saved our partner over 325 hours of labor...more than a 90% reduction from past testing exercises.



8

A Specialty Chemical maker was losing costly argon and nitrogen from its gas storage and delivery systems, causing high utility costs and threatening the accuracy of the site's experiments.

We applied our ultrasonic detection equipment to find the leak points. In fact, we located 13 major faulty connections that were then repaired to yield \$10,000 in savings while preserving the lab's overall integrity.



People are talking about us – but in the best way possible!
To find out more, call 412.761.3212 or email PITT@swagelok.com

WALKING the WALK

**In an age where suppliers promise professional follow-ups
and follow-throughs, we actually stand by our word.**

Swagelok, globally, and Swagelok Pittsburgh | Tri-State Area, locally, are not just providers of top-quality, dependable fluid-system Products and Strategic Support Services. **We are the brand you can RELY on** – in any application/project challenge – for superior Technical Expertise, especially when choosing the ideal components for your most formidable jobs. Our Customer-First external and internal representatives and master Fabrication technicians are routinely trained and tested to ensure that you receive recommendations that will lead to reduced downtime, overall cost-effectiveness, and, ultimately, results that will enable you to get more done safely, quickly, and confidently.

**...For Premium-Quality
LEAK-TIGHT PRODUCT
PERFORMANCE**



TUBE FITTINGS



VALVES



**HOSES & FLEXIBLE
TUBING**

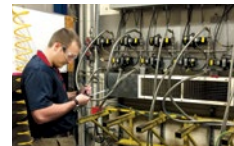
**...For Field-Proven and
Technician-Trusted
TECHNICAL EXPERTISE**



**...For Value-Added
STRATEGIC SUPPORT
SERVICES**



**CUSTOM
FABRICATION**



**HOSE
ADVISORIES**



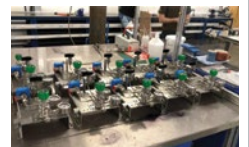
**LEAK LOSS
AUDITS**



**GRAB SAMPLING
SYSTEMS**



**MECHANICAL SEAL
SUPPORT SYSTEMS**



**GAS DISTRIBUTION
SYSTEMS**



SAFETY TRAINING



TOOL RENTALS



**In all ways, every day,
we're right here for you!**



That's A Wrap



A huge Thank You to everyone who visited our booth – and/or attended our Tube Bending Safety seminar – at the recent Eastern Gas Compression Roundtable at the David L. Lawrence Convention Center in Pittsburgh. We genuinely appreciated the opportunity to tell you first-hand how our leak-tight componentry and strategic support services can make a significant and immediate impact on your fluid system safety and performance.

Look for our exhibit and Bending course again at the upcoming Appalachian Gas Measurement Short Course at Robert Morris University, August 3-6

This annual conference provides a unique opportunity for anyone in Gas Measurement – technicians, engineers, supervisors, field workers, government regulators – to learn from leading industry suppliers and experts.

See you there, Booth 513!

Congratulations to

Joe Villers, EQT Senior Compressor Technician

for winning our Yeti Cooler at EGCR!



Product Spotlight:

Measurement Devices



Accuracy. Accuracy. Accuracy.

An old Journalism proverb...but totally relevant for the measurement of temperature and flow in fluid systems

For ultimate confidence and exactness, choose Swagelok:



- **FV4 Series Flow Sensors** to help identify increasing/decreasing flow in gas systems
- **Pressure Gauges** for precision in industrial, ultrahigh purity, and sanitary applications
- **Pressure Transducers** for monitoring electronic pressure
- **Variable Area Flowmeters** with individually calibrated scales based on flow tests
- **Thermometers** that are actuated by a bimetal helix coil with silicon-free gel inserts to dampen vibration effects
- **Thermowells** to protect Swagelok thermometers from fluid-contact damage

THE SWAGELOK ADVANTAGE



We are **YOUR** proven and trusted partner **READY** and **BUILT** to fully support you!

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. © 2026 Swagelok Company. www.swagelok.com

