

## Keeping (on) Time

Welcome, **Percy Echols**, our new Warehouse Associate, who assists **Reid Bright**, our Warehouse Manager, to ensure that we get your orders to you accurately and right when and where you need them. He'll also address your product needs at our Will-Call window at 49 Meade Avenue.

Percy, a 2015 Fine Arts graduate of Illinois State University, comes to us from the Pittsburgh Glass Center (where he was a Swagelok customer and past graduate of our Tube Fitting Installation and Tube Bending Safety Essentials class) and Randstand Technologies.

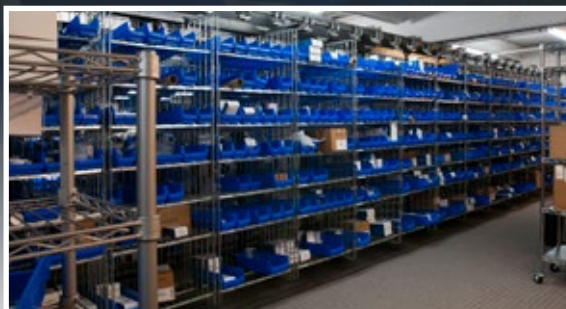
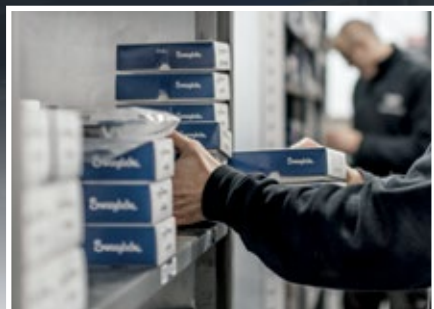
This talented glass artist, who, in his spare time, continues to help pioneer Neon and Plasma Sculpture research and development, hosts a Taming Lightning podcast and is an avid bicyclist and martial arts practitioner.



PERCY ECHOLS



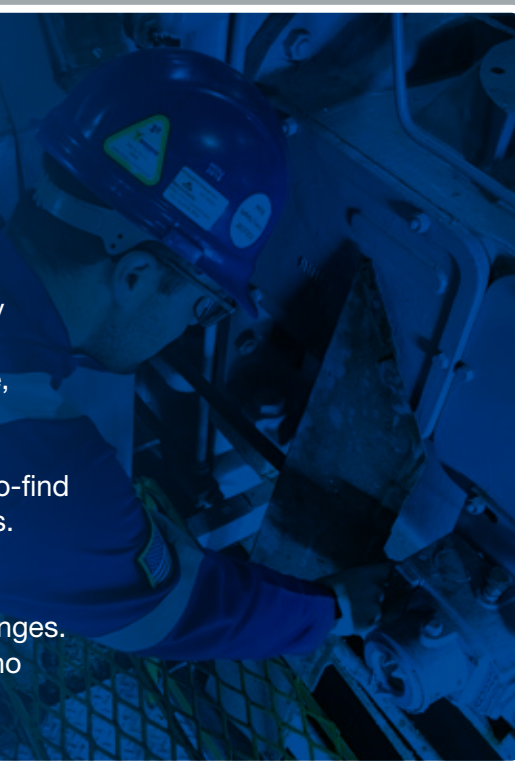
REID BRIGHT



## Walking the Walk...

*Since 1965, three basic tenets have differentiated us from other regional industrial distributors and supply houses:*

- 1** We sell and represent only one brand – Swagelok, maker of the globally renowned, ultra-reliable, leak-tight tube fittings, valves, gauges, hoses, tubing, and accessories that, since 1947, have proven to keep you safe, productive, and profitable.
- 2** Those same top-quality components are always available at our easy-to-find Pittsburgh location – where we stock more than 3,000 SKUs at all times.
- 3** We have the technical application expertise to counsel you on which Swagelok products will best solve your most demanding system challenges. We can also provide trusted fabrication, CAD, and P&ID design help – no matter how formidable your fluid-handling task or timeframe.



# ...and Going the Extra Mile

In addition, we offer a powerful and vast **Product Portfolio** and suite of **Strategic Support Services**...all designed to help ease your most severe operating pressures:

**Always Available *LOCALLY* from Swagelok Pittsburgh | Tri-State Area**



## Tube Fittings

Count on reliable, leak-tight performance as a result of our proven design, manufacturing excellence, and superior raw materials.



## High-Purity Fittings

Ensure cleanliness with electropolished and specially cleaned fittings that feature controlled surface finishes.



## Packless Valves

Eliminate packing replacement and enhance clean operation with all metal seals to atmosphere.



## Instrumentation Valves

Depend on leak-tight performance for years of use — even in the most demanding applications.



## Medium- and High-Pressure Fittings, Tubing, Valves, and Accessories

Benefit from leak-tight gas seal and vibration resistance — even in high-risk, high-vibration environments.



## Hose and Flexible Tubing

Keep your process performing safely with reliable, leak-tight connection technology, coupled with a wide variety of hoses for almost any application.



## Process Valves and Manifolds

Create a smooth transition from the process piping system to instrumentation in a single configuration, with fewer potential leak points.



## Tubing and Tools

Choose dependable tubing in a wide variety of materials for virtually any industry or application. Tools for cutting, bending, and deburring tubing for repeatable results and leak-tight performance.



## Regulators

Ensure consistent delivery of the right pressure across a variety of applications, with a wide range of regulator technologies.



## Measurement Devices

Obtain accurate, on-demand pressure, temperature, and flow measurement readings.



## Quick-Connects

Enable quick, simple operation without twisting, turning, or wrenching.



## Sample Cylinders

Protect product integrity during transport with cylinders featuring consistent wall thickness, smooth internal neck transitions for easy cleaning, and heavy-wall connections that resist flaring.



## Filters

Remove liquid or particulate contaminants reliably with repeatable results.

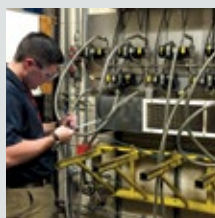
### Comprehensive Safety Training

- **Installation & Bending**
- **Advanced Tube Bending**
- **Valve & Hose Essentials**
- **At Your Facility or Project Site**



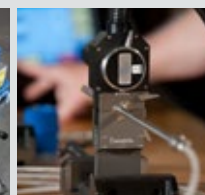
### Trusted System Advisories

- **Media Leakage/Energy Loss**
- **Industrial Hose**



### Always-Available Tool Rentals

- **Multi-Head Hydraulic Swaging Units**
- **Benchtop and Electric Tube Benders**
- **Orbital Welders**





# HAVE IT YOUR WAY

*Have an existing design but need help building a panel?*  
*Need assistance revising a drawing or creating a new one?*



Our spacious, climate-controlled, state-of-the-art **Fabrication Shop**, with a 5-ton overhead crane and dedicated coiling, bending, orbital welding, kitting, and wrapping stations, is your ideal choice if your current process is taking too long, costing too much, or representing too much potential risk. And we have inspection, testing, and cleaning pods as well – with all our work performed by your local certified Swagelok master technicians...and, thus, covered by the Swagelok Company's Limited Lifetime Warranty.



Whatever your need: distribution manifolds, gas purge enclosures, bent tubing assemblies, flex hose assemblies, standard instrumentation mounting kits, high-pressure test stands..., we're your one call to stay safe with reduced engineering, rework, and associated costs. Plus, we now offer multiple off-the-shelf configurations, including panels and/or kits for Grab Sampling, Mechanical Seal Support, and Gas Distribution.



Email **Gary Osman**, today to discuss your particular requirement or to learn more on just how we can lend you a hand to get more out the door on-time, on-plan, and within budget.

[gary.osman@swagelok.com](mailto:gary.osman@swagelok.com)



# COMPONENTRY 101

Register today for a Swagelok product-centric half-day class:

## Valve Essentials or Hose Essentials...

OR, why not finish both – and earn two certificates – in just one day?

### VALVE SAFETY ESSENTIALS

- *Ideal for Engineers, Installers, Maintenance Techs, and Contractors*
- *Master how to select, troubleshoot, and maintain your system's various Valves*
- *Enhance your overall fluid-system knowledge, including how to identify and resolve issues*
- *Understand the key differences in Valve types and functions*

### HOSE SAFETY ESSENTIALS

- *Ideal for Engineers, Installers, Maintenance Techs, and Contractors*
- *Understand Hose terminology, selection variables, and inspection/maintenance processes*
- *Know when/why/how Hose should be incorporated into your fluid system*
- *Learn how to apply the proven STAMPED methodology to your critical Hose decisions*

Contact your local Swagelok Account rep or email Rudy Frank @ [rudy.frank@swagelok.com](mailto:rudy.frank@swagelok.com). And, remember, if you enroll at least four students in any of our classes, we can conduct your training event at your facility or project location – and, as always, we supply all class materials...participants simply need to get to your assigned venue on the class day!





Thanks to everyone who visited our booth at the recent Eastern Gas Compression Roundtable at the David Lawrence Convention Center in Pittsburgh. We appreciate your interest in our featured Swagelok fluid-system productivity solutions, including Grab Sample Panels, Industrial Hose styles, and Safety Training/Advisory services.

*A very special Congratulations to our RTIC Compact Hard Cooler winner: **Matt Peterson**, Principal Engineer, Equitrans Midstream!*

**ON YOUR TERMS**

Learn how to keep your fluid systems running optimally by attending, live or on demand, our Swagelok **Improve Your Safety and Productivity** Webinar Series. Whether you're a seasoned pro or a new maintenance hire, we have upcoming and archived titles that will help you gain the knowledge necessary to improve performance, no matter what your application or industry.

**JULY 20 @ 11am**

**Mastering Hose Selection in Your Facilities**



**To register for this and other upcoming events, go to:**  
[www.swagelok.com/en/engineering-services/training/webinars](http://www.swagelok.com/en/engineering-services/training/webinars)

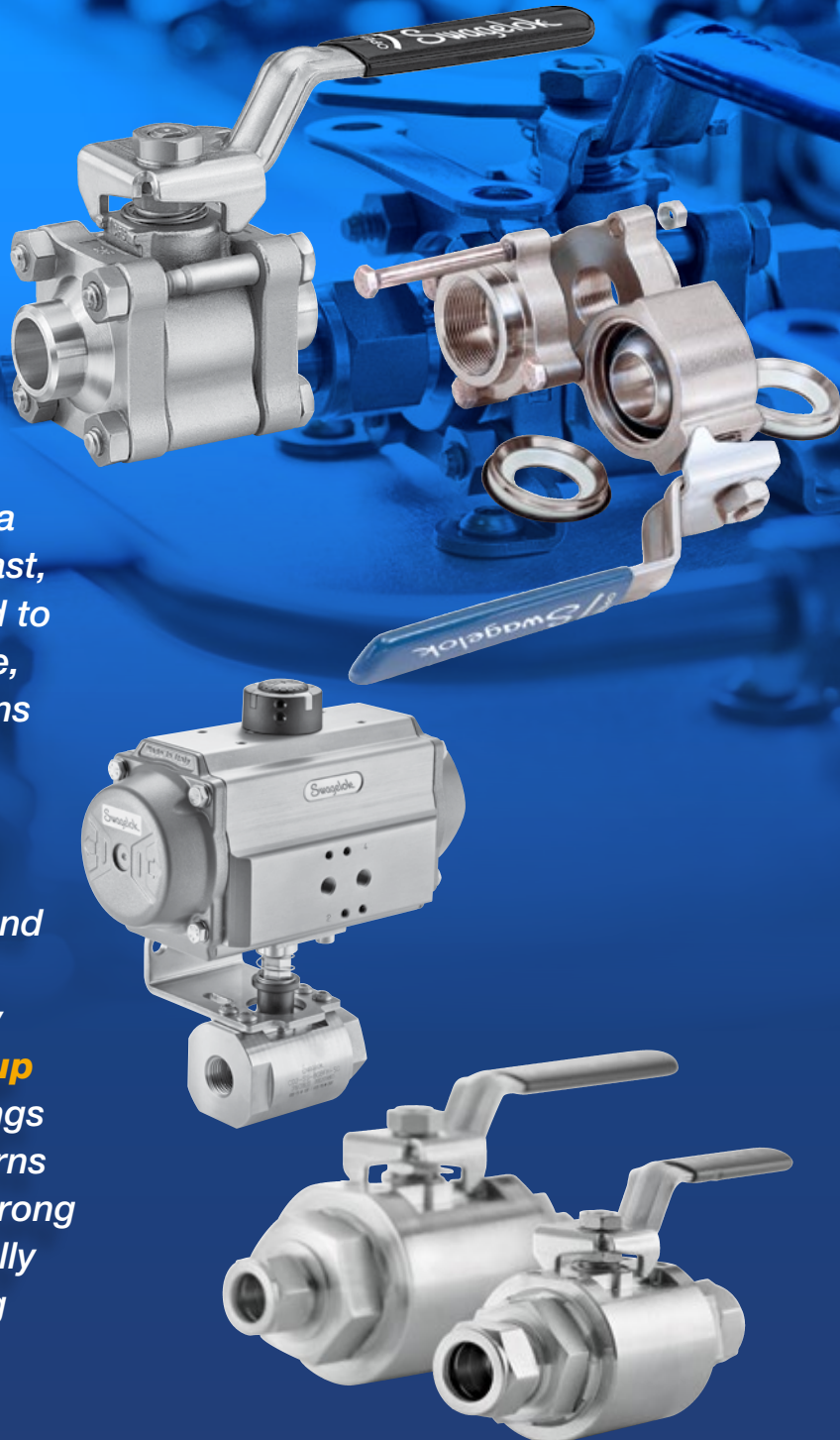


# PRESENTING YOUR DO-IT-ALL PERFORMERS

## SWAGelok 60-SERIES AND GB-SERIES

Swagelok **60-Series** and **GB-Series Ball Valves** are your go-to, dependable, exceptionally versatile options for virtually any system application demanding safe, repeatable, and leak-tight results. Our quarter-turn **60 valves**, which can be operated in a fully opened OR closed position, have earned an API 641 Test Certificate for methane service. These **low-emission** solutions feature a unique swing-out design that enables fast, easy in-line maintenance – with no need to shut down your entire system to replace, when necessary, worn seals. That means substantially less downtime labor and associated costs involved.

Our new **GB valves** are bi-directional and full-flow. Result: significantly slashed installation, maintenance, and inventory costs, no matter how challenging your **up to 6000 psig** application. And no O-rings are required, so no compatibility concerns with most hydrocarbons, solvents, or strong acids. For enhanced safety, mechanically locked end screws will not rotate during installations or removal of large end connections.



**For more information on Swagelok Valves and Componentry, contact our Field Engineer, Gary Osman @ [gary.osman@swagelok.com](mailto:gary.osman@swagelok.com).**



# ***FINEST IN THE FIELD***

*(FIFTH IN A SERIES)*

## **CUSTOMER CHALLENGE**

A major Chemical company needed to know how its numerous specialty gases, running through more than 200 lines in its R&D functions, were absorbing into various automotive-industry materials – all while ensuring the safety of the two Project Engineers and streamlining the facility's collective fluid systems.

### ***BEFORE***



## **OUR SOLUTION**

Swagelok Source Inlets (SSI) and Gas Panels (SGP) secured reliable, leak-tight connections between the high-pressure source gases and the remaining media in the site's overall Gas Distribution system. Our standardized configurations eliminated potential leak points and delivered:

- Dedicated and safer purging lines
- Easy access to critical relief valves
- A simplified maintenance process
- Optimized workflow

### ***AFTER***



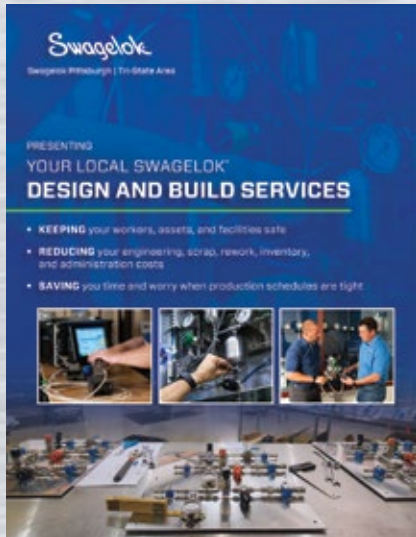
## **BOTTOM LINE**

**Swagelok Gas Distribution Panels** keep the facility safe and require so little upkeep, the two Engineers can focus on more critical tasks to make the company more profitable – with a greatly reduced carbon footprint.

# NEW MARKETING MATERIALS

Make sure your **Swagelok Reference Library** is up to date!

Email [rudy.frank@swagelok.com](mailto:rudy.frank@swagelok.com) if you'd like a printed copy of our latest brochures:



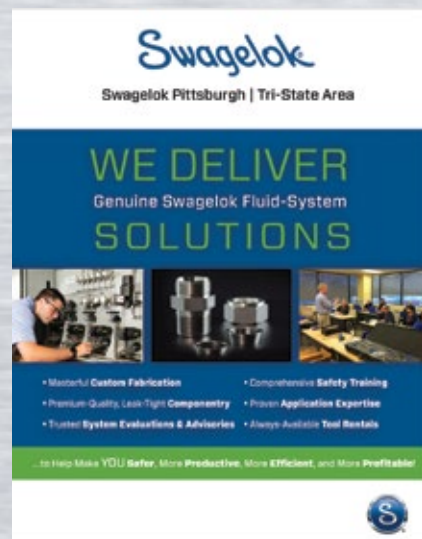
***Your Local  
Design & Build Services***



***Your Local  
Industrial Hose Pros***



***Swagelok  
Safety Training Courses***



***Your Local Fluid-System  
Solutions Resource***

## CONTACT US

412.761.3212 OR 412.439.1706  
[PITTSBURGH.SWAGELOK.COM](http://PITTSBURGH.SWAGELOK.COM)

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