

Delivering premium-quality fluid system products, fully engineered assemblies, and comprehensive application expertise to optimize safety, productivity, efficiency, and profitability in even the most challenging **Chemical and Refining** operations.

## PRODUCTIVE PAIRING:

You're under pressure to improve the effectiveness and efficiency of your fluid system. We're engineered to perform under pressure.

Let's work **together**.

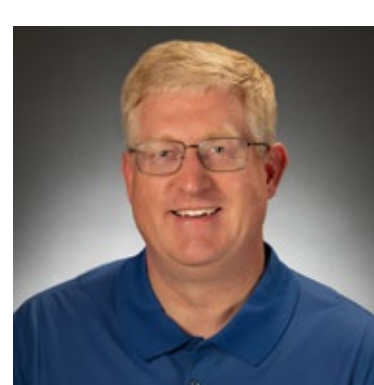
A **Swagelok Hose Advisory** is the ideal collaborative solution for your industrial Hose woes. Just a half-day of our two certified Swagelok Hose Advisors walking the floor with you could virtually eliminate lengthy downtime, excess waste, and high repair/replace costs.

During their visit, **Gary and Mike** will ensure that you've:

- Safely and properly applied and routed your hoses
- Optimally reduced the effects of machine vibration to maximize service life, minimize downtime
- Correctly matched the "right" Swagelok hose core and end connections to your applications
- Appropriately sized and stored your hoses for exceptional performance and service life



**Gary Osman**  
Swagelok Field Engineer



**Mike Gagel**  
Strategic Support Services Specialist

## Our survey will specifically look for, evaluate, and report:

- Broken Wires
- Abrasion
- Corrosion
- Ovality
- Motion
- Color Changes
- Cover Blisters
- Kinks/Flat Spots
- Leakage
- Improper Sizing
- Damaged Reinforcements
- Correct Type for Application
- Operating Conditions: Pressure, Temperature, Flow...
- Environmental Factors: Temperature, Humidity...
- Stiffness/Hardness
- Cleaning and Storage Practices
- ....and so much more!

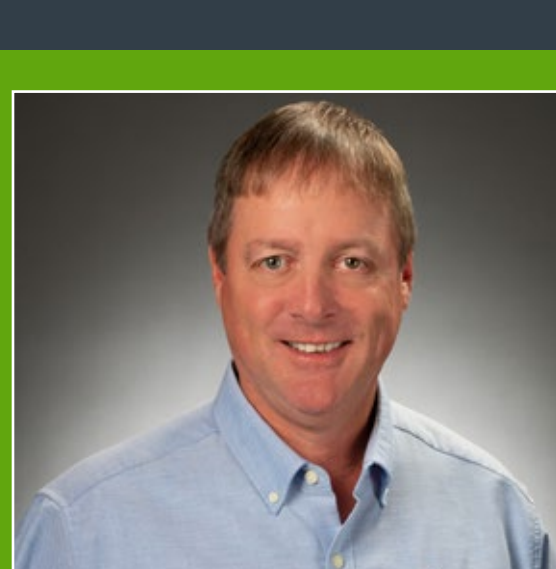
*"Initially, I was a bit skeptical when Swagelok Pittsburgh | Tri-State Area approached me about a Hose Advisory. Though I believed we'd receive some value from such an audit, I also saw it as a way for them to simply sell us more hoses. Once we began the actual walk-through – and I heard the probing questions the Advisors asked, I knew we had agreed to something that would truly boost our site's productivity and efficiency."*

– Chemical Lab Senior Technician

To schedule your Swagelok Hose Advisory, contact:

**Bob Sarber**

Chem & Refining Specialist



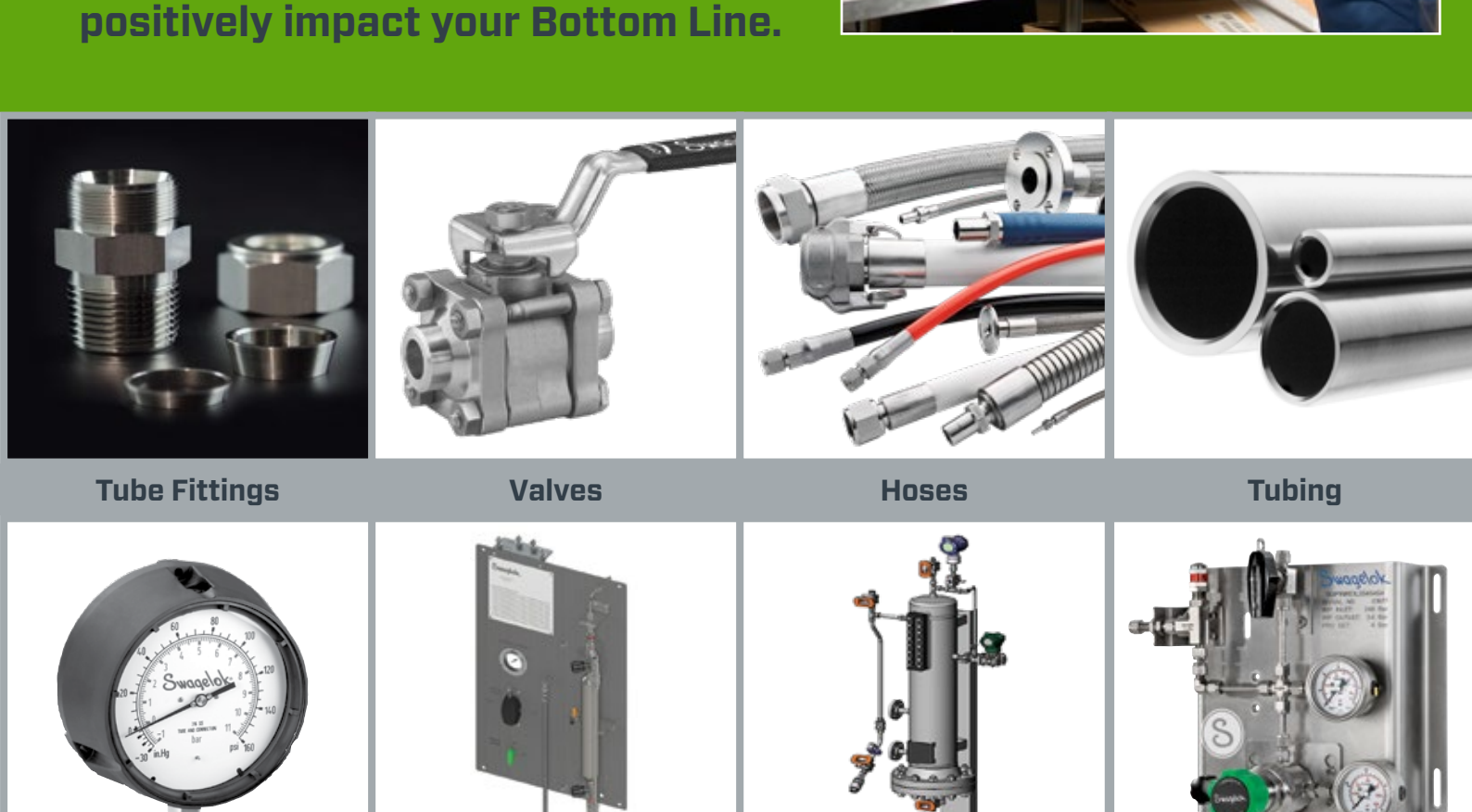
[robert.sarber@swagelok.com](mailto:robert.sarber@swagelok.com)

412.439.1713

No matter where or when you need us, we're right **THERE** for you!

## Our Promise:

In each and every customer engagement and interaction, no matter how challenging your application or operating conditions, we will deliver premier-quality Swagelok Fluid-System Product Solutions and value-added Strategic Services that will positively impact your Bottom Line.



## WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



WE CAN HELP YOU SAVE TIME, MONEY, AND WORRY:



Swagelok Pittsburgh | Tri-State Area

49 Meade Avenue

Pittsburgh, PA 15202

412.761.3212

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