

Swagelok Pittsburgh | Tri-State Area

e-FLASH

Your **Sampling System Educational Opportunities**

Come learn from the unparalleled leaders in fluid-system expertise and training:



Ideal for technicians, maintenance personnel, and system engineers

- Know how to troubleshoot a vast variety of common sampling issues – process line through sample disposal
- Recognize and diagnose design flaws that cause excessive time delay and yield poor samples
- Get the formulas, calculations, and engineering principles that will greatly improve your current troubleshooting practices
- Understand how to optimally maintain your system with fewer errors and better overall integrity



Suited for system/design engineers, chemists, integrators, highly skilled technicians

- Apply our expert design principles to prevent costly sampling system problems
- Know how a sampling system functions from the process line and tap through the transport lines and stream switching, sample conditioning, and analyzer/disposal procedures
- Find out how to identity the root causes of system design troubles
- Grasp how to ensure accurate process analyzer readings



Meant for experienced sampling engineers, design engineers, integrators, and highly skilled technicians

- Develop an understanding of complex system subassemblies
- Master how to design and build subsystems into complete, optimized sampling systems
- Learn the five standard subsystems: Sample Extraction, Sample Disposal, Sample Conditioning, Calibration Switching, Field Preconditioning



Particularly relevant for those new to sampling... as well as analyzer and laboratory technicians

- Hands-on learning that will hone your ability to find and address root causes of challenges
- Evaluate an existing sample and apply gained knowledge to reverse engineer a system
- Get the engineering principles, formulas, and calculations to eliminate system guesswork
- Among multiple other learnings, fully understand the severe and unsafe consequences of inaccurate sampling

Contact us to secure your seat in an upcoming Swagelok Sampling System Training event:

Rudy Frank,

Director – Strategic Services & Marketing

rudy.frank@swagelok.com



412.439.1706

WE DELIVER DIFFERENCE-MAKING SOLUTIONS:

Products Strategic Support Services Application Know-How



The Brand. The Inventory. The Expertise.

WE'RE YOUR SWAGELOK FLUID-SYSTEM SOLUTIONS PROVIDER



Industry-Best Componentry



Unparalleled Application Knowledge



Masterful Custom Fabrication



Comprehensive Hose Advisories



Expert Safety Training



Proven Inventory Management Support



Extensive Energy Evaluations



Genuine Swagelok Tool Rentals



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

f Share

🕺 Tweet

in Share

🔀 Forward

Swagelok Pittsburgh | Tri-State Area 49 Meade Avenue, Pittsburgh, PA 15202 412.761.3212

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

You are receiving this email as a valued contact of Swagelok Pittsburgh | Tri-State Area.