



Field Engineering Services

Fluid System Expertise and Experience Where and When You Need It

Meet our specialist helping companies improve their industrial fluid systems' performance and potential

The Resource You Need to Overcome Persistent Problems

If your job involves the design, assembly, operation, or upkeep of fluid systems or related instrumentation, chances are good that you have faced challenges related to:



- Optimizing the efficiency and productivity of critical systems
- Increasing productivity and yield within critical processes
- Complying with regulatory demands in safety and emissions
- Measuring improvements and ROI on capital projects
- Prioritizing all changes and upgrades needed for process and analytical systems

Regardless of which of these challenges you face, Swagelok field engineers can help. Tap into our team to find the expertise and experience-based insights you need to find and capitalize on opportunities for improvement.

Meet Swagelok WNY's Regional Field Engineer

A field engineer is the technical bridge between our customers and Swagelok. **Derrick DiCesare** is Swagelok Western NY's Regional Field Engineer and his focus is to help our customers understand Swagelok products and services by providing technical expertise through a sound understanding of their applications.



Derrick DiCesare

Derrick's main objectives are to:

- Provide local technical expertise
- Support and troubleshoot installations
- Perform Evaluation and Advisory Services
- Recognize, design, and recommend system improvements
- Provide training

What Evaluation & Advisory Services can Derrick provide?

- Hose Advisory Surveys
- Fluid System Evaluation and Advisory Service
- Compressed Gas Leak Detection Surveys
- Pressure Regulator Sizing and Selection
- System Simplification and Layout Assistance
- P&ID interpretation
- On-site Technical Assistance
- Training and Troubleshooting





In What Applications Can Swagelok Field Engineers Help?

Swagelok field engineers have deep experience with a variety of plant systems and equipment packages. They can evaluate and enhance:

- Analyzer sample conditioning systems
- Grab sampling systems
- Mechanical seal support systems for rotating equipment
- Gas distribution systems
- Steam systems

What Does It Look Like to Work Together?

1. You identify the system or systems that need to be evaluated
2. Our team conducts a field assessment of those systems
3. We identify opportunities for process improvements
4. We develop a comprehensive solutions summary that explains findings, prioritizes improvements, and quantifies benefits
5. The field engineering team will provide support as needed as you act upon recommendations

Global Reach. Knowledgeable Resources.

Swagelok's field engineering team is built upon a foundation of fluid system expertise started more than 70 years ago. Today, the team is growing rapidly as we help with organizations around the world increase safety, decrease operating costs, and improve profitability related to their fluid systems.

A rigorous training and development program enables our field engineers to offer innovative solutions in complex applications across a diverse customer base. Our engineers rely not only on technical knowledge, but their experience designing, assembling, optimizing, and troubleshooting fluid systems to help you overcome the pressures you face.

Case Study

Swagelok Field Engineers Determine Root Cause of Issues

Are you certain that your systems are operating optimally? What if you had an analyzer that you believed was performing properly but then discovered that the analyzer was actually giving you false data?



A customer was experiencing longer-than-anticipated response times on its analyzer and called in the Swagelok field engineers for support. The team performed a system evaluation and discovered that the fluid was changing phases multiple times as it traveled from tap to analyzer. Phase changes in the

sampling line can deliver a sample to the analyzer that is not representative of the process.

Consequently, the customer was making process changes based on inaccurate analytical data. Through recommendations provided by our team:

- All phase changes were eliminated
- Response time was vastly improved
- Analytical results were now representative of the fluid in the process, providing the customer with superior process control

Start Benefiting From Field Engineering Services

Learn more about our [field engineering team](#) and the benefits they can provide, or contact your [Swagelok Western NY](#) to schedule an appointment.



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