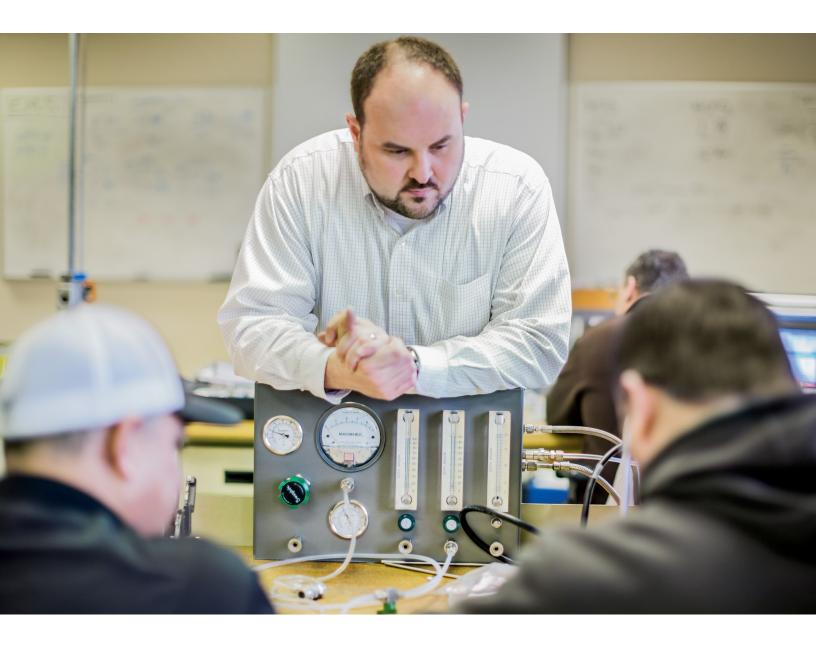


## CORPORATE TRAINING OPTIONS

### SWAGELOK CLEVELAND | COLUMBUS | CHARLESTON



### **SWAGELOK CORPORATE TRAINING RESOURCES**



#### PROCESS ANALYZER SAMPLING SYSTEMS (PASS) TRAINING

Process Analyzer Sampling Systems training is a five-day course that teaches you how to make better sense of the variables which affect sampling systems allowing you to head off problems before they arise, allowing you to assess and analyze sample systems and their designs holistically. This class breaks down design elements of industrial sample systems into subsystems then further separates them into discrete function blocks. Through an effective blend of lecture, class exercises, and a team design project delivered in a small class environment, you learn how to assemble these function blocks into complete system designs or employ them as analytical tools to assess and improve in-service systems.

#### PASS PLUS TRAINING

PASS Plus Training is a hands-on class that blends traditional PASS concepts with Evaluation and Advisory Services by targeting issues and problems identified by the customer on its own site. This approach, launched in 2017, allows customers to take a deeper dive into the problems and challenges they face each day, with classroom instruction on the best ways to overcome these issues through proper system design and component selection.

#### PASS- SUBSYSTEMS TRAINING

PASS - Subsystems training is a deep dive into the individual subsystems that make up a sampling system (sample extraction, sample conditioning, etc.) and teaches the attendee the best ways to select and optimize these components.

#### **ORBITAL WELDING TRAINING**

Swagelok Weld Training is a four-day course which emphasizes the theories and skills associated with gas tungsten arc-based orbital welding (GTAW) with both classroom and hands-on training. Because of the complexity of skills required to consistently achieve good orbital welds, new and even experienced welders must be trained using cutting-edge techniques from qualified instructors. The techniques taught in this course can be applied to any automatic gas tungsten arc welding system. All classes are taught by experienced instructors who have earned the qualifications of Certified Weld Inspector (CWI) and Certified Weld Educator (CWE).







## **SWAGELOK CORPORATE TRAINING RESOURCES**



#### SAMPLE SYSTEM PROBLEM SOLVING AND MAINTENTANCE (SSM) TRAINING

Sampling System Problem Solving and Maintenance training is a two-day course which teaches fundamental and advanced practices in analytical instrumentation operation and maintenance. It will empower technicians and maintenance personnel to maintain sampling systems with minimal error and greater system integrity, allowing them to catch mistakes before they happen and recognize existing problems in installed sampling systems.

#### MATERIALS SCIENCE

Customers rely on Swagelok to keep their fluid systems leak-tight and operating efficiently. They also rely on our technical expertise to troubleshoot their problems and avoid issues that can cause a system to leak, shut down, or fail, such as corrosion or material incompatibility. Help your customers make better choices with proper material selection by learning about both polymers and alloys, their behavior, and how industry standards impact a customer's choice of materials.

#### ADVANCED TUBE BENDING

This comprehensive and hands-on course continues to differentiate Swagelok as an industry leader in the field of system design. Topics covered in this class include the measure-bend and Swagelok methods of tube bending, making simple and custom offsets, and making segmented bends and rolling offsets. This class is available in 2, 3, and 4-day options, and based on duration, includes instruction on hand tube benders up to  $\frac{1}{2}$ " diameter (2 day), bench top tube benders (3 day), and electric tube bending equipment (4 day).











# CONTACT US

- Meet with our account managers and trained professionals to gather more information on the cost of these services.
- Call our office to gather more information.
- Send us an email and we will be happy to answer your questions.

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