

Swagelok Tube Fitting Installation Training

Upcoming Training Dates:

March 20, 2018

June 26, 2018

September 25, 2018

December 11, 2018



Swagelok® Tube Fitting Installation & Safety Training

This Swagelok Installation seminar offers comprehensive training on tube fitting installation and bending in a 4 hour classroom setting.

The purpose of this seminar is dual: to increase safety and to decrease cost. This Swagelok training seminar raises safety levels by increasing expertise in selecting, handling, and installing tube fittings. In the same way, this seminar helps decrease costs by reducing scrap and leakage, and improving system reliability, thereby helping to prevent accidents or work stoppages.

Why Train?

Safety

- Fewer leaks as a result of proper installation
- Avoid blow-outs
- Installers are taught safe practices for working with and around tubing systems

Reduce Costs

- Proper installation and fewer leaks save money
- Less downtime for equipment and systems



Swagelok Tube Fitting Installation & Certification

Program Outline

- Tubing requirements for Swagelok tube fitting installation
 - Advantages of tube vs. pipe
 - Allowable working pressures
 - Tubing variables
 - Tube handling and routing
 - Tubing system design considerations
- Installation Procedure - Swagelok tube fittings 1/16" to 2"
 - Correct pull-up instruction
 - Use of Swagelok inspection gauge
 - Disassembly and remake instructions
 - Safety considerations of tube systems
 - Additional complimentary products
- How the Swagelok fitting works
- Swagelok advanced geometry
 - Robust tube grip
 - Leak-tight gas seal
 - Excellent vibration resistance
- Causes of tube fitting failure
- Safety Considerations
- Threads-dynamic and mechanical
 - Tapered threads / straight threads
 - Thread sealants
- Fittings that make the job easier
- Tools
- Introduction to tube bending
 - Identify components of the Swagelok tube bender
 - Identify potential bend defects
 - Understanding minimum bend radius
 - Understanding and calculating gain & off-sets
- Hands-on practice using:
 - Measure / bend, pre-measure

Each Attendee Will Receive

- Gripper Pad
- Swagelok Tube Bending Manual

**Lunch & Beverages
will be provided.**

Cost: \$100/attendee



For availability on this training course please contact Swagelok Cleveland today.

**Swagelok Cleveland
31200 Diamond Pkwy
Solon, Ohio 44139
440.248.6515**

info@cleveland.swagelok.com

