

SWAGELOK® TRAINING AND EDUCATION



INSTALLATION & TUBE BENDING ESSENTIALS

This course is a combination of two Swagelok Certified courses designed to increase safety and decrease cost at your company.

Course criteria & focus:

Tube Bending Essentials

- Learning time-saving techniques
- Making 45°, 90°, 180° and offset bends
- Proper use of hand tube benders
- Hands-on exercises and final exam

Tube Fitting Installation Essentials

- Proper assembly of tube fittings
- Tube fitting and tubing safety
- Minimizing fluid system leakage & errors
- Thread identification



TUBE FITTING INSPECTION ESSENTIALS

Students will be able to identify the most common errors that lead to tube fitting leakage including mixed component fittings, tube bending defect, and damaged threads due to cross-threading or over-tightening. Coursework includes:

- Understand common errors leading to tube fitting leakage
- Identify installation errors with and without disassembly
- Recognize tubing and tube bending defects
- Practical exam inspection of a 17 connection test loop



HOSE SELECTION ESSENTIALS

Understanding the fundamentals helps to extend hose production cycles, ensure safety and lower total cost of ownership. Coursework includes:

- Common terminology
- Variables impacting hose selection
- How to select hose for different applications
- Common practices for conducting hose inspections
- Best practices for preventive maintenance