

GOOD: Swagelok® -Certified Essentials Class

Tube Fitting Installation Essentials prepares you to:

- Properly cut and debur tubing.
- Correctly assemble a Swagelok tube fitting for safe operation.
- Gauge a tube fitting assembly.
- Remake a tube fitting assembly.
- Identify thread types and installation practices.
- Properly prepare threaded installations.
- **Includes practical exercises and written exam.**

Duration: 4 hours each course, 8 hours total

Tube Bending Essentials prepares you to:

- Practice the measure-bend method through hands on exercises like this:



Fig. 1



Fig. 2

BETTER: Class + Pre & Post Process Audit

Combines the hands-on, comprehensive training of Tube Fitting Installation and Tube Bending Essentials, plus:

- Swagelok's field engineer conducts a pre-training audit to observe processes in production, test, and inspection, identifying areas needing attention.
- Specific needs can be addressed in class, taught by our Certified trainers with 30+ years of fluid system experience.
- A post-training audit is conducted to gauge subject mastery and examine improvement in installation processes.
- Findings are reported via conference with impacted supervisors.



Duration: 8 Hours Training, Up to 8 Hours Field Engineer Observation

BEST: Class + Customized Process Audit + Full Report

Including the full Essentials Training Courses, this option takes opportunity for improvement to the next level with:

- The pre-training audit by Swagelok's field engineer, in which Standard Operating Procedure (SOP) is reviewed for consistency with best practices and efficiencies.
- This comprehensive audit allows for customization of training content and update of internal documents to create a self-sustaining, safe and efficient team.
- The post-training audit assesses improvements and the ongoing action plan needed to deliver safe and effective fluid system operations for your facility.

Duration: 8 Hours Training, TBD Field Engineer Resources

Included in each class:

- Training manuals
- Swagelok best practice booklets
- Hands on use of components
- Installation tools
- Lunch



Compare the Difference:

Package Feature	Essentials Class	Better: + Pre & Post Process Audit	Best: + Customized Process Audit + Full Report
Tube Fitting Installation Swagelok Certified Training (Up to 10 attendees)	👍	👍	👍
Tube Bending Swagelok Certified Training (Up to 10 attendees)	👍	👍	👍
Practical exercises and written exam	👍	👍	👍
Training manuals & pocket guides	👍	👍	👍
Pre-training audit to identify key areas for improvement		👍	👍
Post-training audit to ensure mastery		👍	👍
Pre-training audit including review of SOPs			👍
Customized training topics per audit findings			👍
Full pre and post training audit report			👍
Revision of SOPs to address safety and efficiency needs of your business			👍

Pricing contingent upon number of classes needed and audit package. See account manager or info@sandiego.swagelok.com for a formal quote.

- Classes accommodate 6-10 attendees at a time.
- “Better” Package approximately price of Training +15%
- “Best” Package approximately price of Training +25%

