

Swagelok Fittings Essentials

Proper Selection and Safe Installation for Medium to High Pressure

Swagelok training programs provide a range of valuable and practical tools for meeting day-to-day challenges related to fluid system and sampling system design, operation, and maintenance. In-depth, hands-on courses taught by experienced instructors help both new team members and industry veterans.

Cone & Thread Fitting Essentials

For medium and high pressure systems, this course teaches installation practices to enable safe, optimal performance of coned and threaded fittings as well as establishing maintenance and trouble-shooting techniques. The result should be an increase in system efficiency and improved system safety.

Topics covered include:

- Selecting suitable medium and high-pressure tubing
- Preparation of tubing for installation with coned and threaded connections
- Proper installation of coned and threaded connections, including practical activities
- Medium and high pressure sealing method
- Proper assembly procedure and torque valves
- Characteristics of needle, ball and check valves



FK Fitting Essentials

This course will help you understand and identify key design characteristics of medium-pressure Swagelok® FK series fittings and learn how to prepare and install them. It covers the basic criteria, variables, and considerations relevant to safely and effectively using FK tube fittings in medium-pressure gas and liquid systems.

Topics covered include:

- Identify and understand key design characteristics of the FK series fittings
- Selecting suitable medium-pressure tubing, and how to properly prepare it for installation with the FK fitting
- Properly install a Swagelok FK tube fitting using installation by turns
- Watch demonstration of installation by torque and installation with the hydraulic swaging unit
- Identify and list common installation errors, and recognize how to avoid them



Open enrollment classes are periodically scheduled in Southern California or may be hosted on-site at your facility.

Class Size:

- **Cone & Thread Essentials:** 8 spaces
- **FK Fitting Essentials:** 14 spaces
- **Length of Classes:** Approximately four hours
- **Prerequisite:** Tube Fitting Installation Essentials is strongly recommended.

All classes are taught by Swagelok-certified trainers and include hands-on practice activities and testing for comprehension.

JOIN US FOR BACK TO BACK SESSIONS:

Date: September 10th

8 AM - 12 PM: Cone & Thread Essentials

1 PM - 5 PM: FK Fitting Essentials

Location: La Mirada, CA

Discounts available for both sessions or multiple attendees.

Contact Us

To quote course attendance, please contact your account manager or reach out to us at:

Swagelok Southern California

Phone: (800) 252-7087

Email: jen.burrell@swagelok.com

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