



**Swagelok Northern
California Training**

Swagelok

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Swagelok® Orbital Welding Training

Join this intensive five-day lecture-lab to develop a thorough understanding of orbital welding principles. Earn a certificate of completion by passing two exams. On the fifth day, prepare weld samples to test for ASME Section IX.

Sales & Service Center: 3393 W Warren Ave Fremont, CA Phone: 510.933.6200 Web: northerncal.swagelok.com

Swagelok Orbital Welding Training

A formal Swagelok training program brought to you by Swagelok Northern California

This intensive five-day course is for welders with and without orbital welding experience, supervisors of orbital welding operations, engineers, and quality control pros.

Earn a signed certificate of completion by passing two exams.

*Fifth day is included at the end for participants preparing weld samples for ASME Section IX qualification.

COURSE FEE INCLUDES

- ✓ Four day lecture-lab (fifth day ASME Section IX test prep)
- ✓ Swagelok-certified instructor
- ✓ Discussion + hands-on exercises
- ✓ Swagelok® Certificate of Completion
- ✓ Reference workbook + user's manual
- ✓ Tasty meals & snacks

Course Objectives

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Course objectives

- Understand basic Gas Tungsten Arc Welding (GTAW) principles
- Understand welding principles specific to the Swagelok M200 Weld System (SWS)
- Know the proper set-up and operation for SWS
- Know how to troubleshoot welding problems
- Prepare weld samples to be submitted to ASME for Section IX Weld qualification (fifth day included in fee)

Topics covered

- Setting up and operating orbital weld equipment
- Programming the welding machine to run both basic and advanced operations
- Troubleshooting and preventative maintenance procedures
- Understanding welding industry specifications

Exam Requirements & Instructors

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Exam requirements

Participants must receive a minimum grade of 80 percent to pass the theoretical exam. To pass the practical exam, participants must demonstrate the ability to prepare and weld a tubing system according to a specific drawing without the aid of a facilitator or peer.

Instructor qualifications

All program instructors have earned the qualifications of Certified Weld Inspector (CWI) and Certified Weld Educator (CWE) and have a minimum of five years' experience in orbital welding instruction.

Why Enroll?

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Build or refresh crucial skills

Because of the complexity involved in consistently achieving acceptable orbital welds, it is critical that welders obtain up-to-date and accurate training.

The Swagelok approach to learning the theories and skills of GTAW orbital welding includes comprehensive classroom instruction and valuable hands-on training. Our four-day course provides an understanding of welding principles, instructions for setup and operation; troubleshooting tips, and hands-on experience.

Training from a respected resource

Industry has relied on Swagelok® for advanced solutions in fluid handling components for more than 60 years. Swagelok welding systems were added to the company's ever-expanding product line in 1987.

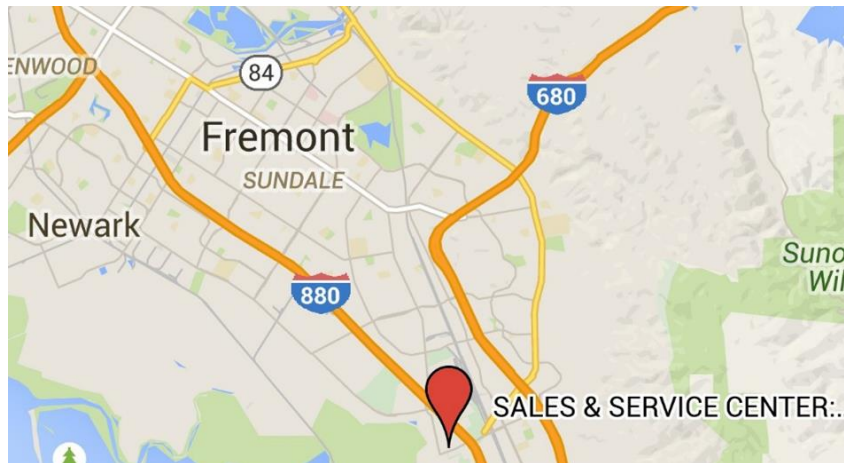
Today, with the global presence of Swagelok, our support and training complement the premium quality of our products. This training program reflects our commitment to provide the highest quality fluid system components and services.

Class Location & Fees

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Class location

Unless otherwise noted, classes are held at 3393 West Warren Avenue in Fremont, CA.



Fees/Date

\$2,999 per attendee per course.
Check our Events page for dates and registration.

[DATES/REGISTRATION ►](#)

Interested in hosting a course at your facility? Please contact Jeff Hopkins at 510.933.6200.

About Swagelok Northern California

Serving 58 counties in California and Nevada

Since 1947, Swagelok Company has designed, developed, and manufactured high-quality, general purpose and specialty fluid system products. Today Swagelok is a \$2 billion (USD) company with a global network of sales and service centers supporting customers in 70+ countries. Swagelok Northern California is the sales and service center serving 58 counties in California and Nevada.



“Unexpected speed”

" Totally unexpected speed. They were able to ship it that day within just a few hours."

JONATHAN P., Oakland, CA



99% ship to promise

We ship over 1 million parts per year from our Fremont warehouse, and have a 99% ship-to-promise track record.



Quick response

If you work with critical gas or liquid applications, [please get in touch](#) at our website or call 510.933.6200.