



Swagelok Northern
California Training

Swagelok

Swagelok Northern California

Intro to Gas System Components Seminar

- Eight-hour course for end users and installers
- Covers semiconductor process gas systems and components used in semi manufacturing
- Earn the Certificate of Completion for Swagelok Introduction to Gas System Components Training

Sales & Service Center: 3393 W Warren Ave Fremont, CA

Phone: 510.933.6200

More: norcal.swagelok.com/events



Intro to Gas System Components

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

This 8-hour course introduces end users and installers to gas system components used in semi manufacturing and process tools.

In addition to a thorough understanding of the gas system components, you'll take with you a 96-page manual and the Certificate of Completion for Swagelok® Fluid System Component Training.



One day (8 hour) lecture-lab



Swagelok®-certified instructor



Discussion + hands-on exercises



Swagelok® Certificate of Completion



Manual covering all course material



Job aids that simplify fabrication



Tasty meals & snacks



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Work from two cases

During the day long class, you work from two cases that have examples of the components for hands-on investigation. You use tools of the trade for component disassembly and reassembly. Includes using tools specifically for cutting, deburring and bending tubing.

In a typical section on diaphragm valves, we:

- Teach the principles of valve operation
- Distribute valves; guide you in disassembly
- Review the function of each part and the operation of the valve as complete assembly
- Guide you through reassembly

Specific topics covered

- Proper use, installation, and maintenance of face-seal fittings (VCR®, VCO®, etc.)
- Electropolishing, process cleanliness and surface finish measurement techniques
- Operation, use, and installation of high-purity valves (bellows seal and diaphragm seal)
- General service components vs. high-purity components
- How fluid seals function; repairing leaks
- Relationship between component design & microelectronics device geometry
- Role of tubing and pipe in transporting a fluid
- Proper prep, cutting, bending and installation of tubing and pipe



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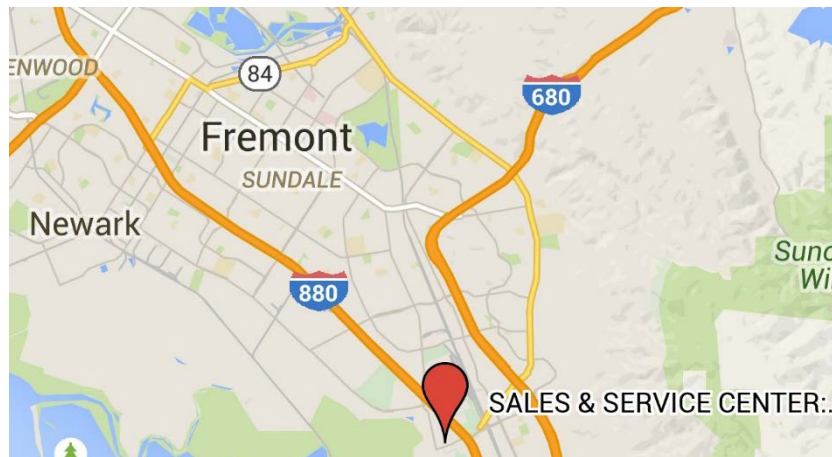
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Class location

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



Interested in hosting a course at your facility?
Please use the contact info at right.

Fees

Please contact us at 510.933.6200 for pricing

[Click here for dates & registration ►](#)

Contact us

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