

“Great course! Well taught and very informative.”

Process Mechanical Engineer and Regulator Selection Training Attendee

“The content of the seminar was mind blowing! We received valuable information on the selection process for valves.”

Chemical Engineering Student and Valve Selection Training Attendee



Valve Essentials Training

This **4 hour seminar** focuses on **valve function**. Topics include:

Valve Essentials

Basic Operation

- System Parameters
- Selection Criteria
- Code Compliance
- Specification Compliance

Valve Function

- On-Off
- Flow Control
- Directional Control
- Over-Pressure Protection
- Excess-Flow Protection

Valve Construction

- Material
- Seal Design-Body, Seat & Stem



Valve Actuation Methods

- Manual
- Pneumatic
- Electric

End Connection Seal Technology

- Tube
- Pipe Thread
- Weld
- Flange
- Face Seal
- Other

Course Code: **Valve Training**

Sign Up Today!

info@sco.swagelok.com

Regulator Essentials Training

This **4 hour seminar** focuses on **pressure regulator function**. Topics include:

Theory of Regulators

Basic Operation

- Pressure-Reducing
- Back-Pressure
- Gas Cylinder Changeover
- Vaporizing

Terms and Definitions

- Supply Pressure Effect
- Droop
- Seat-Load Drop
- Choked Flow
- Ideal Operating Range



Features and Benefits Overview

Regulator Selection

- Overview of Models
- Product Line Extensions
- Venting Options
- Sizing and Selecting
- Cv and Flow
- Selection Examples

Course Code: **Regulator Training**

Sign Up Today!

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