

## Valve Technician I



**Course 1404**      **CEUs: 2.8**

### Overview

This 4-day Fisher Controls session explains how valves and actuators function and how they are installed and calibrated. It emphasizes installation, troubleshooting, parts replacement, and calibration of control valves, actuators, positioners, and digital valve controllers.

Students spend 50% of their time in hands-on workshops. Those who complete this course will be able to:

- correctly perform installation procedures
- perform basic troubleshooting
- change valve trim, gaskets, and packing
- properly apply and calibrate positioners and digital valve controllers

**Prerequisites** Some experience in instrument calibration and in control valve maintenance, installation, and operation would be helpful.

### Topics

- Control Valve Terminology
- Globe Valves
- Packing
- Actuators
- Bench Set
- Seat Leak Testing
- Ball Valves
- Butterfly Valves
- Eccentric Disc Valves
- Special Service Valves
- Valve Characteristics
- Noise & Cavitation
- Digital Valve Controller Theory of Operation, Installation, Calibration

**Course Location** Control Dynamics, Inc., 201 Wylderose Dr., Midlothian, VA 23113

**Course Dates** March 16 – 19, 2010      **Registration Deadline** 3 weeks prior to course start date

**Sponsored By** Emerson Educational Services and Control Dynamics

**To Enroll or for Information Contact** Connie Goodman at 804-858-5878 or [Connie.Goodman@Control-Dynamics.com](mailto:Connie.Goodman@Control-Dynamics.com)

**Price** \$2,100 USDL

Purchase order or payment is required at the time of enrollment. Please make PO, check, or credit cards payable to Control Dynamics, Inc.

**Cancellations:** If your plans or budgets change, you may cancel your reservations up to 14 calendar days prior to the start of the course without incurring a cancellation charge. Limited enrollment makes it necessary to charge 50% of the full tuition for cancellations received during the 14 days prior to the start of the course, and full tuition for failure to attend without canceling. Substitutions are accepted until the first day of class.

### Educational Services

Phone: 800-338-8158 or 641-754-3771

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