

Valve Maintenance & Digital Valve Controller Calibration Using the 275/375 Handheld Communicator



Course 1456 CEUs: 2.8

Overview

This is a 4-day **Fisher Controls** session. The first 2-days of the course will cover sliding stem and rotary valves and actuators. Topics will include valve and actuator setup, maintenance, repair and troubleshooting. The following 2-days will be focused on the installation, calibration of the 5000 and 6000 series digital valve controllers using the 275/375 handheld communicator. An overview of Valvelink Software will be included. 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
- install and mount a Digital Valve Controller onto a Sliding Stem Actuator/Valve and Rotary Actuator/Valve
- configure and calibrate FIELDVUE Instruments with the HART Model 275/375 Communicator

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

Topics

- Control Valve Terminology
- Eccentric Disc Valves
- FIELDVUE Instrument Installation
- Globe Valves
- Valve Characteristics
- HART Model 275/375 Handheld Communicator
- Packing
- Control Valve Noise & Cavitation
- Instrument Configuration & Calibration
- Actuators
- Digital Valve Controller Theory of Operation Installation/Calibration
- Instrument Troubleshooting
- Ball Valves
- FIELDVUE Theory of Operation
- Control Loop Wiring Practices
- Butterfly Valves
- HART Communication Signal
- Valvelink Software Overview

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

Sponsored By Control Dynamics

To Enroll or for More Information Contact Connie Goodman (804) 858-5800 or e-mail Connie.Goodman@Control-Dynamics.com

Course Dates April 21-24, 2009 (Session #0089)

Registration Deadline 2 weeks prior to course date

Price \$2,100 USDL

Purchase order or payment is required at the time of enrollment. PO, checks & credit cards acceptable and made payable to **Control Dynamics**.

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.

Providing Training with the Latest in Process Control Methods & Technology!

Enroll Today- Enroll Right Now- Seating is Limited.

**Please Call: Connie Goodman 804/858-5800 or
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