

## FlowScanner Data Acquisition



**Course 1427L**      **CEUs: 2.8**

### Overview

This 4-day Fisher Controls course uses lecture and hands-on labs to teach students to properly acquire and analyze diagnostic data using the FlowScanner, including proper hardware and software setup and accurate data entry. Actual case histories form a basis for teaching interpretation skills.

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

- navigate features of FlowScanner software
- correctly mount sensors and related FlowScanner hardware on standard air-operated valves (AOVs)
- enter valve, instrument, and actuator data
- correctly enter test parameters
- perform various step and stroking tests to collect diagnostic data
- analyze typical / atypical FlowScanner data
- create and view standard FlowScanner reports

**Prerequisites** 1400 or 1710 or significant experience in valve and instrument operation and maintenance procedures.

### Topics

- FlowScanner Hardware/Software Overview
- In-Depth Software Navigation
- Setup and Testing Techniques
- Data Entry & Test Criteria Best Practices
- Data Management
- Report Generation and Expected Results
- Background Software Routines and Equations for the Analysis Numbers
- Case Study Analysis – Including Discussions of Valve / Instrument / Installation Problems
- Laboratory Activities / Support

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

**Course Dates** July 10—13, 2012      **Registration Deadline** 3 weeks prior to 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** \$2,600 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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