Fisher Nuclear Data Acquisition and Interpretation - Advanced
Course 1428 (CEUs: 2.1)

This 3-day course starts with a brief review of QUIKLOOK 3- FS or FlowScanner 6000 valve diagnostic system software. Confirms student familiarity with test setups, pressure and travel channels, and the objectives of all available test procedures. The course is based on a structured combination of lectures and hands-on labs to teach students how to identify problems in control valve assemblies. Emphasis is placed on determining and confirming overall control valve health and condition by examining each of the major components of the assembly: I/P, positioner, actuator, and valve body. Report generation and some field tips are also presented. To capitalize on learning from shared experiences, students are encouraged to bring in test data from an interesting scenario or a current problem. Those who complete this course will:

- Select the appropriate QUIKLOOK 3-FS or FlowScanner 6000 valve diagnostic system test for a given scenario.
- Understand the impact of scan rates on the appearance and interpretation of acquired data.
- Analyze valve diagnostic test data to determine overall control valve health by evaluating the condition of the various components of the assembly.
- Identify multiple anomalies in a single assembly.
- Use QUIKLOOK 3-FS or FlowScanner 6000 functions to generate Reports.
- Learn how to perform a step test on a discrete valve without interrupting power to the valve.

Audience

This course is designed for personnel who are responsible for interpreting plots and other diagnostic data that is acquired with the QUIKLOOK 3-FS or FlowScanner 6000 valve diagnostic system. This course focuses on data interpretation. Data acquisition is the primary focus in course 1427.

Prerequisites

A pre-test and a control valve awareness test are used to confirm applicant readiness. Course 1427 and a minimum of six months of diagnostic testing with the QUIKLOOK 3-FS or a FlowScanner 6000 valve diagnostic system.

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Topics Include

- Review of various valve diagnostic tests and specific objectives of each
- Impact of Test Configuration Errors
- Data Interpretation from Tests of "Bugged" Valve Assembles
- Multiple Anomalies Found in Control Valves

- Moving or Exporting Data
- Generating Reports
- Interpretation of Difficult Uncovered Control Valve Problems

Course Information

Date: June 18-20, 2019

Location: R.E Mason, 1726 North Graham St., Charlotte, NC 28206

Price: $3,850 per person

Sponsored By: Emerson Educational Services and R.E. Mason

Registration: Payment is required at the time of enrollment.

Please make PO, Check or Credit Card to Robert E. Mason & Associates, Inc.

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