



Control Valve Engineering 1 (Course 1300)

Duration: 3 Days

Date:

18th – 20th March 2014
1st - 3rd July 2014
23rd – 25th Sep 2014

Time:

9:30am – 5:00pm

NZD 1,990 per person

**Workshop size:
8 participants**

Location:

Custom Controls Ltd
3 Mahunga Drive,
Mangere Bridge
Auckland

**Registration closing
date: 3 weeks before
program**

**Competencies
Developed:**

- Technical Learning

Overview

This 3 day course explains how to select the correct control valve, actuator and accessories to operate through the full range of process conditions. The course covers general applications and emphasizes the sizing and selection methods for a broad variety of control valves and actuators. Students will solve various sizing and selection problems using published materials and Fisher Specification Manager Software.

Students will participate in equipment demonstrations and workshops. Students who complete this course will be able to:

- Select the proper valve characteristic for a given process.
- Choose suitable styles of control valves for an application.
- Size control valves and actuators.
- Select the best actuator for all applications.
- Properly apply positioners

Coverage

- Actuator Selection and Sizing.
- Cavitation.
- Control Valve Selection: Rotary and Sliding Stem.
- Corrosion Resistant Valves.
- Liquid Valve Sizing.
- Positioners and Transducers.
- Valve Application Guidelines.
- Valve Characteristics.
- Valve Packing Considerations.
- Valve Noise.
- Gas Valve Sizing.

Who should Attend

This course is for Engineers, Technicians and others responsible for installation, troubleshooting, parts replacement, and calibration of control valves, actuators, positioners and digital valve controllers.

Important notes :

For no show a full workshop fee will be imposed and for any cancellation prior commencement of the training course, a 50% workshop fee will be imposed.

Educational Centre reserve the right to cancel or reschedule any training if the minimum participants requirement is not met or due to any unforeseen circumstances. In which case, we will provide advance notice of the changes.

