



Upcoming

## Professional Development Sizing & Selection Courses

Date:

September 21 – 22, 2021

November 16 – 17, 2021

## Control Valve Engineering School



- "Your team did a great job with the course and kept it interesting and engaging. Could you send me the instructions for downloading PerformanceNext!. It would be a great tool to have." – Derek C. (Major user)

- "Very good training. Everyone will benefit from the added knowledge." – Steve S. (Oil & Gas Industry User)

**Flowserve is a leading manufacturer and aftermarket service provider of flow control products and services for the world's most critical applications.**

### Course Description

The purpose of this seminar is to educate the school attendee in the basics of control valve theory. We will review the different types of control valves and cover the benefits of each one. We will also cover the different trim options and trim characteristics that are needed for the proper valve selection. The **PerformanceNext!** software sizing program will be reviewed so that the school attendee will have a basic knowledge of sizing control valves.

Some applications can be severe and produce damaging effects within a control valve (such as Cavitation, Flashing, Noise / Vibration). We will talk about what causes these issues and how to configure the control valve to address these problems. In addition, we will discuss the different types of actuators that can be used on a typical control valve. Lastly, since it is part of the complete control valve package, we will discuss the role of the digital positioner on the control valve. This discussion will include a review of the different digital protocols in the industry and ways to communicate with the control valve.

### Topic Covered:

- \* Selecting the proper control valve for the application.
- \* Severe service considerations such as cavitation, flashing, and noise.
- \* How to select the correct trim size, packing and accessories for your control valve
- \* Sizing and Selection tips and instructions on **PerformanceNext!**, our world class control valve sizing and selection software
- \* Digital product protocols and options for control valve communications
- \* Shop tour and demonstrations.

Cost per School Attendee - \$975

(Lunch will be provided for both days)

[For on-site training at your location, Contact our office for details](#)

### Contacts

**PRO-QUIP is your local Flowserve representative. Please contact our office for further details.**

Call: 973-253-0100

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### Location

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