

TECHNICAL TRAINING COURSES

Setpoint offers training that is convenient for you with state-of-the-art training facilities in Baton Rouge, LA; La Porte, TX; Port Arthur, TX.

Visit SetpointInstitute.com today for more information on training courses and to register for a class near you.

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All courses include a full tour of our training facilities and a question-and-answer testing session at the end of each course to test the knowledge learned during training.

+ CONTROL VALVE TRAINING LEVEL 1

This course will familiarize application personnel with basic control valve theory and application. Topics covered include basic process theory, control valve designs, actuation, and instrumentation.

Participants obtain an understanding of basic control valve theory and the equipment used for process control. The material covers industry standards for control valve design and selection, types of control valves and trim design, and peripheral components such as actuators and instrumentation.

+ CONTROL VALVE TRAINING LEVEL 2

This course is designed to familiarize application personnel with control valve application and selection. Topics covered include flow sizing calculations, actuator sizing calculations, and appropriate valve type and trim type selections for various applications.

Participants will obtain an understanding of control valve sizing and selection. The material covers industry standard equations for control valve sizing. Material also covers considerations for noise and cavitation. The goal of this course is to provide application personnel with the knowledge of the necessary information to properly size and select a control valve as well as the product knowledge to select the appropriate equipment.

+ CONTROL VALVE TRAINING LEVEL 3

The last course in this series will provide application personnel with in depth knowledge of control valves and their interaction within the overall process. Topics include a control valve interface with process instrumentation, advanced noise and cavitation review, advanced methods for complex application requirements.

Participants obtain advanced knowledge of control valve and how they fit in the overall process loop. The material covers the interface equipment between the control valve and the process control.

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+ SAFETY RELIEF VALVE TRAINING

The goal of this class is for participants to have a complete working knowledge of a Safety Relief Valve, the terminology associated with SRV's, the ASME Sec. I and the ASME Sec. VIII code.

There will be a hands-on portion of the class to learn the basic internals and why it is so important for SRV's to be maintained. Class participants also learn the basics of sizing and selection of SRV's.

+ CONTROL VALVE SIGNATURE DIAGNOSTIC

The course is designed to teach theoretical analysis of control valve signatures to those who diagnose and troubleshoot control valve performance utilizing diagnostics data and tests. The course correlates the control valve mechanical assembly with the signature results, both graphically and numerically.

You'll learn the theoretical analysis of signatures from case studies of linear and rotary type control valves, taught by 20+ years of experience. Introduction to Control Valve Signature Diagnostics course is based on ISA 75.26 standard.

For class schedules and more information about Technical Training visit www.setpointinstitute.com.

1 (800) 256-7373

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