



Online Automatic Diaphragm Valves - 101

November 18-19, 2020 10:00 AM

This class will educate the attendee on the basics of Automatic Control Valves. Ever wonder how that valve does its magic? The course will show how the valve operates, how to set pressures, preventative maintenance, as well as troubleshooting. Will introduce the keys to ensure your Pressure Reducing Valve (as well as other Control Valves) work reliably for a long time. Additionally, we will guide the attendees on Valve Sizing, Preventative Maintenance (what and when) as well as how managing your system's pressure can save money and line breaks.

Day 1 (1.5 hours) 10:00

Basics:

- Hydraulic Fundamentals
- Control Valve Main Body (75 min)
- Main Valve Body Basics
- Key Options to Consider for Ease of Maintenance
- Diaphragm Choices
- How Does a Diaphragm Valve Open and Close

Pressure Reducing Valve (75min)

- Introducing a Pilot system
- Pressure Reducing Valves
- How do you start up and Set a PRV.
- Troubleshooting.

Day 2 (1.5 hours) 10:00

Quick 5 minute Review from Day 1

Pressure Relief/Sustaining Valve

- Pressure Relief / Pressure Sustaining Valves
- Where do you use them?
- Starting up a New Valve
- Troubleshooting.

Choosing the right valve and when should it be maintained.

- Valve Sizing, theoretical and automated program
- Proper Installation of Control Valves in a system (What other components should be used)
- Preventative Maintenance - What should be done and when?

Pressure Management and its Value – Quick Introduction

- Basic Pressure Management to reduce water-loss (NRW Reduction) and reduce line breaks.

PRESENTER: Jody Malo

Jody Have worked in the water industry for over 25 years after graduating from UBC in Vancouver, BC. Recently he was the Director of Sales for Singer Valve, an automatic control valve manufacturer for the water industry based in British Columbia. At Singer he traveled the world teaching engineers, municipal workers, and well as contractors on all key aspects of control valves. He taught course on maintenance and troubleshooting, as well valve selection on applications ranging from basic to difficult. During his 6.5 years at Singer Jody taught and spoke at water conferences around the globe, as well as oversaw Singer’s training programs at the factory.

While at Singer, Jody sat on the AWWA C-530 Committee to help guide the AWWA to create a new Control Valve Standard. These new standards have just been completed and are now available.

In April, he moved to the east coast from Vancouver to work for Omnitech Inc, a local Representative of Singer Valve, as well as a representative of many other valve and instrumentation manufacturers. His extensive years in the water industry as well as intimate knowledge of controls during his time at Singer, makes him well equipped to educate all those involved with Automatic Control Valves.

CONTACT INFORMATION:

Registration can be made by faxing or mailing the registration form on the reverse of this page, or on-line at www.acwwa.ca. For further information, please contact ACWWA Section office at 902-434-6002.

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Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Fax: _____ Email: _____

ACWWA Membership #: _____ WEF Membership #: _____
(If no membership number is listed, you will be invoiced as a non-member. See pricing below.)

Fee for ACWWA or WEF Members & Employees of Utility Members

Course: \$35.00 + \$5.25 HST (15%) = \$40.25

Fee for Non – Members

Course: \$40.00 + \$6.00 HST (15%) = \$46.00

Payment can be made by visa, master card or cheque. Invoices will be sent to the address listed above.

Please send PO number if you want it included on the invoice. _____

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Cheques should be made payable to
ACWWA
PO Box 28141 Dartmouth, NS B2W 6E2
Phone 902-434-6002 Fax 902-435-7796