

## **Automatic Control Valves – More Than Just Flow Control**

MWWA Course: MWWA 21-020, Wastewater: BC-2021-3620

Automatic Control Valves (ACVs) are used throughout potable water systems from the source of supply, into the storage tanks/systems, and throughout the distribution system. ACV's can help prevent surge and water hammer issues, control pressure, flow, and tank level, or a combination of multiple functions. They may also be integrated with the SCADA system to operate and monitor remotely while helping to "balance" the system. New applications and functions are developed regularly for and with ACVs to help systems operate effectively, efficiently, and safely for uninterrupted water service.

This half day remote class (Zoom) is approved for **2.0 TCHs** (Training Contact Hours) for Massachusetts Water & Wastewater Operators as well as Rhode Island Water Operators. It will be taught using the Zoom platform. Participants will need to have a reliable highspeed internet connection and computer device with both video and audio capability. Please review our Student Expectations for Attending Virtual Training at [www.masswaterworks.org/education](http://www.masswaterworks.org/education).

### **Learning Objectives:**

- Learn about the types of ACVs and how they operate.
- Discuss proper installation and maintenance of ACVs.
- Explore how new ACV technology can help optimize distribution system operations.

**LOCATION:** Remote Training via Zoom

**DATE:** Thursday, December 16, 2021

**TIME:** 8:30 – 11:30 a.m.

**COST:** \$50 Members; \$75 Nonmembers

**INSTRUCTOR:** Pat Donnelly, Eastern US Manager, Cla-Val

<b>AGENDA</b>	8:30 – 8:45 AM	<b>Course Overview &amp; Introductions</b>
	8:45 – 10:00 AM	<b>Types of ACVs, How They Work and Best Applications. Installation and Maintenance Considerations.</b>
	10:00 – 10:15 AM	<b>Break</b>
	10:15 – 11:15 AM	<b>Remote Control, Telemetry and SCADA capabilities</b>
	11:15 – 11:30 AM	<b>Q &amp; A, Conclusions &amp; Course Evaluations</b>

**Registrations must be done on-line ([www.masswaterworks.org](http://www.masswaterworks.org)).** If you need registration assistance, please email [adminmwwa@masswaterworks.org](mailto:adminmwwa@masswaterworks.org) or call 978-263-1388.

**ATTENDANCE & TCH POLICY:** Participation of the attendees will be confirmed throughout the Zoom session. Participation and completion of an online evaluation form are necessary to be eligible for TCHs. TCHs will be issued only when full payment is received.