



## LEVEL 2 REGISTRATION FORM

### Automatic Control Valve Hand-On Training

#### STATE OF THE ART WATER DISTRIBUTION SYSTEM TRAINING LAB

##### Non-Revenue Water

Non-Revenue Water is a module in which we explore ways to reduce lost revenue through the implementation of pressure management, preventative maintenance, leak detection and repair, and water quality programs. Following the implementation of these programs, we will learn how much revenue the utility would stand to regain by recovering these previous losses through practical exercise with our NRW calculator.

##### Automated Flushing and Scouring

In areas within the distribution system where it is difficult to maintain an acceptable level of disinfectant residual, or where taste, color, or odor issues are leading to customer complaints, Mueller provides automated flushing and water quality sampling solutions. The Hydro-Guard® automatic flushing systems are programmed to automatically flush a line, as well as monitor water quality conditions in distribution piping. When required, the device automatically initiates flushing to ensure the utility complies with U.S. EPA Safe Drinking Water Standards. Learn to set, program and operate Hydro-Guard® flushing units and discuss applications that can reduce labor costs, maintain water quality, and reduce Non-Revenue Water(NRW).

##### Altitude Valves

An Altitude Valve is a hydraulically operated, level control valve that relies on a differential pressure between inlet and outlet. These level control valves sense the head pressure of the water storage tank, then cycles between opening & closing to maintain water levels and provide for tank turnover. In Level 2, you will erect a vertical storage standpipe, build and commission a Model 106-A-Type 2 One-Way flow altitude valve, and learn how the hydraulic pilot control operates.

##### Surges or Transients

Surges or Transients are the result of a rapid change in velocity which will typically happen when flow suddenly stops or starts causing pipe bursts and breaks. There is a variety of solutions that Singer offers that can make significant improvements regarding the number and frequency of pipe bursts within a water utilities' distribution system. As part of Level 2, you will build and commission a Model RPS-L&H Surge Anticipation valve and you will experience a surge simulation and watch the valve respond to system overpressures & negative column separation.

#### PLEASE PROVIDE YOUR INFORMATION

<b>Date:</b>	<b>Time:</b>	<b>Location:</b>
<b>Name:</b>	<b>Email:</b>	<b>Phone:</b>
<b>Company :</b>		
<b>Address:</b>		
<b>Food Allergies:</b>		

Mueller will provide information regarding the local hotels that we will be using during the training seminar and will offer a corporate discount rate once you are registered. Attendees are responsible for their own travel costs to and from Chattanooga, TN, hotel room and incidental costs. Mueller covers all meals, transportation, and entertainment while in Chattanooga during the training seminar.

Email this registration form to: [Ryan Carroll at RCarroll@muellerwp.com](mailto:RCarroll@muellerwp.com)