

9:00 - 9:15	<b>Session 1</b>	Impact of leaking valves on plant performance (steam)	Pressure & Temperature Gauge Considerations & Diaphragm Seals	Basics of Steam & Steam Traps	Solenoid Valve Ops & Maintenance (Hands-on) (9:30-11:30)
9:15 - 9:30					
9:30 - 9:45					
9:45 - 10:00					
10:00 - 10:15	<b>Session 2</b>	Electric vs Pneumatic Actuators	Fully Metered Boiler Installation	Heat Transfer Solutions	Solenoid Valve Ops & Maintenance (Hands-on) (9:30-11:30)
10:15 - 10:30					
10:30 - 10:45					
10:45 - 11:00					
11:00 - 11:15	<b>Session 3</b>	ASME Boiler Code	Safety Valve 101	Industrial/Domestic Hot Water Generation	Valve Top works (Hands-on) (1:30-3:30)
11:15 - 11:30					
11:30 - 11:45					
11:45 - 12:00					
12:00 - 12:15	<b>BBQ LUNCH</b>				
12:15 - 12:30	<b>Session 4</b>	Hydronic Balancing 101	Control Valve Trim Characteristics	Benefits of Connectivity Solutions	Valve Top works (Hands-on) (1:30-3:30)
12:30 - 12:45					
12:45 - 1:00					
1:00 - 1:15					
1:15 - 1:30	<b>Session 3</b>	ASME Boiler Code	Safety Valve 101	Industrial/Domestic Hot Water Generation	Valve Top works (Hands-on) (1:30-3:30)
1:30 - 1:45					
1:45 - 2:00					
2:00 - 2:15					
2:15 - 2:30	<b>Session 4</b>	Hydronic Balancing 101	Control Valve Trim Characteristics	Benefits of Connectivity Solutions	Valve Top works (Hands-on) (1:30-3:30)
2:30 - 2:45					
2:45 - 3:00					
3:00 - 3:15					
3:15 - 3:30	<b>Session 4</b>	Hydronic Balancing 101	Control Valve Trim Characteristics	Benefits of Connectivity Solutions	Valve Top works (Hands-on) (1:30-3:30)
3:30 - 3:45					
3:45 - 4:00					
3:45 - 4:00					

- Basics of Steam & Steam Traps:** Thermodynamic properties of steam and why they are essential to understand; how the generic types of steam traps work, how they should be applied, and observation of operation under glass.
- Electric vs Pneumatic Actuators:** On high torque valve applications, review things to consider when trying to choose between an electromechanical and a pneumatic actuator.
- Heat Transfer Solutions:** Different types of heat transfer equipment, how they should be installed, and why some just don't work correctly.
- Safety Valve 101:** Review ASME Code, safety valve install, sizing, and more.
- Benefits of Connectivity Solutions:** Use of connectivity in tray and out; in classified or hazardous areas, and cost considerations.