

# Control Valves Fundamentals

8:00 – 12:15 .4 CEUs

Subject	
<b>8:00</b>	Introductions/About Cla-Val/Logistics
<b>8:30</b>	Why Control Valves? Hydraulics 101
<b>8:45</b>	Basic Principles of Control Valves
<b>8:45</b>	Control Valve Main Body & Internals
<b>9:00</b>	Hands-On Disassembly/Assembly of Control Valves
<b>9:15</b>	Control Valve Main Body Maintenance
<b>9:30</b>	Intro to Pilot Systems
<b>9:45</b>	Pressure Reducing Valves Overview
<b>10:00</b>	Break
<b>10:15</b>	Hands-On Disassembly/Assembly of Pressure Reducing Pilots
<b>10:30</b>	Trouble Shooting Pressure Reducing Valves
<b>10:45</b>	Pressure Reducing Bypass Design
<b>11:00</b>	Pressure Relief/Sustaining Valves Overview
<b>11:30</b>	Hands-On Disassembly/Assembly of Pressure Relief Pilots
<b>11:45</b>	Trouble Shooting Pressure Relief/Sustaining Valves
<b>12:00</b>	Application Discussion
<b>12:15</b>	Conclusion