

Level 2 Training Session Itinerary*

*Prerequisite is 1 day Level 1 Flotech Training (Automatic Control Valves, Air Valves & Check Valves)

Instructor: Geoff Moxon ~ Flotech

Morning:

- 8:00 am Introductions, Course Outlines (agenda, objectives)
- 8:15-9:00 Shut Off Valves
(Comparison of types with merits/demerits of each)
- 9:00-10:00 Flow Metering
- 10:00-10:15 Coffee Break
- 11:00-12:00 Automatic Control Valves (Advanced)
11:00 am Review of Operation of an ACV & PRV
Plus a short review of material covered in the previous module covering the following:
- Pressure Sustaining
 - Surge Relief
 - Anticipating Surge Relief
 - Rate of Rise Surge Relief
 - Altitude (level) Control
 - Pump Control
- 12:00-12:30 Lunch Break

Afternoon: Leakage & Advanced Control Valve Applications

- 12:30-1:30 Discussion of Leakage Issues (basic)
- 1:30-1:45 Pressure Flow Control (PFC)
- 1:45-2:00 Pressure Flow Control (CM & 4-20DC)
- 2:00-2:15 Anti Cavitation Theory & Selection
- 2:15-2:30 Integral Back-up Valve
- 2:30-2:45 Pressure Differential Sustaining & Valves with Flow Metering
- 2:45-3:15 Electronic Control Theory of Operation & Applications
- 3:15-3:30 Close up, Questions, Closing Comments & Course Evaluations
- 3:30 Approximate Finish Time