Relief Valve Maintenance

This three-day course covers basic relief valve fundamentals and theory, construction, and maintenance and testing of relief and safety valves. This course is approximately 1 day of classroom with 1½ to 2 days hands-on exercises.

I. Relief and Safety Valve Fundamentals
   - Functions and Terminology
   - Markings
   - Designations
   - Theory of Operation

II. Maintenance
   - Installation/Removal
   - Disassembly
   - Inspections/Repairs
   - Reassembly
   - Gagging

III. Testing and Adjustments
   - Setpoint Testing and Adjustment
   - Blowdown Testing and Adjustment
   - Accumulation Testing and Adjustment
   - Seat Leakage Testing
   - Hydrostatic Testing
   - Temperature Compensation

IV. Regulatory Guidelines
   - OSHA
   - ASME B&PV
   - DOT