



PD013
B31.1 Power Piping Code

Day One

- History of Piping Codes
- ASME B31.1. Operations and Scope
- Piping Failure Modes
- Piping Design Conditions

Day Two

- Piping Design Criteria
- Pressure Design and Straight Pipe
- Pressure Design of Piping Components
- Guarding Against Pipe Collapse
- Providing Adequate Piping Flexibility
- Cold Spring

Day 3

- Stress Intensification Factors
- Simplified Piping Analysis and Layout
- Pipe Support Design
- Requirements for Specific Piping Systems
- Scope & Design Workshop

Day 4

- Materials, Fabrication & Examination
- Materials-Control and Selection
- Metallurgy – Steels
- Fabrication of Piping Systems

Day 5

- Welding Qualifications
- Inspection, Examination, & Testing
- Materials, Fabrication, & Examination Workshop