



EL543
BPV Code, Section III, Division 1: Class 2/3 Piping Design

Module 1

- Introduction and Objectives
 - Applicable code sections
 - Classification of piping systems
 - Requirements for piping design specifications
 - Service levels and levels of protection
 - Applied load definitions and considerations
 - Materials, quality assurance (QA) and certification requirements

Module 2

- Class 2/3 Piping Design by Rule – NC/ND-3600
 - Class 2/3 Piping Design by Rule methods
 - Class 2/3 pipe supports design requirements
 - Selected individual piping component design requirements
 - Design a simple Class 2/3 piping system

Module 3

- Code Requirements for Class 2 and 3 Design Specifications
 - Service levels and the protection provided by service levels
 - “Typical” applied loads that need to be considered in design
 - Certification requirements and responsibilities

Module 4

- Non-Code Issues that Impact Piping Design
 - Break Locations
 - Depressurization loads & jet impingement and pipe whip
 - Functional capability & other non-code issues
- Summary and Closure