



## **MC106**

### **Bases and Application of External Pressure and Compressive Stress Mechanical Design Rules in Section VIII & Code Case 2286 of the ASME Boiler and Pressure Vessel Code**

#### **Day 1**

- Basis/Comparison of Division 1 & CC 2286 Rules
  - History and Source of Division 1, UG-23, UG-28 & UG-29 rules
  - Scope, Source and Limitations of CC 2286-4 and Division 2, Part 4.4 rules
  - Listing and comparison of the “new” and “old” rules
- Commentary on the “New” rules
  - WRC 406 & related papers
  - Clarence Miller’s commentary paper
  - WRC 406 results comparisons to Div. 1 basis
- Division 2 Part 4.4 & CC 2286 Design Examples
  - Code Case 2286 Math Cad application examples
  - Division 2, Part 4.4 Math Cad application examples
  - Nozzle design and tolerance examples
- Current issues, Reference sources, Questions, Code Status