



## **MC135**

### **Using ASME Codes to meet the EU Pressure Equipment Directive (PED)**

#### **Day 1**

- Introduction to PED including latest revision
  - New Approach and New Legislative Framework
  - PED - 2014/68/EU
  - Scope and requirements
  - Changes from 97/23/EC
  - How do I use ASME Codes to meet PED?
- Getting started, determining:
  - Categories
  - Fluid Groups
  - Conformity Assessment Modules
  - Global Conformity Assessment
  - Who are the Conformity Assessment Bodies?
  - What is an Equivalent Overall Level of Safety?
  - Harmonised Standards
- Design using ASME Codes
  - Hazard/Risk Assessment
  - Meeting ESRs using ASME Codes
- Materials
  - Selection of material
  - Material Certification requirements
  - ESRs for materials
  - Documenting PMAs

#### **Day 2**

- Welding
  - Qualification of joining procedures
  - Qualification of joining personnel
- NDE
  - Qualification of NDE personnel
- Manufacturing
  - Inspection in process
  - Material Traceability
  - Final assessment



- Pressure Testing
  - Proof test
  - CE marking
- Technical Documentation
  - Preparation of Technical Documentation
- Quality System (Module H)
  - Quality Manual based on ASME QC manual