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