MC139
Onshore Pipeline Design and Construction – A Practical Approach

Day 1
- Types of Pipeline Systems
- Facilities Planning
- Hydraulic design of gas and liquid pipelines
- Compression and Pumping considerations
- Route Selection and Public Consultation
- Mechanical and Geotechnical Design Considerations
- Working Stress and Limit State design for Multiple Load conditions
- Buoyancy Control

Day 2
- Surface Loading
- Material Selection
- Pipeline Coatings and Cathodic Protection
- Welding and Joining
- Elements of Pipeline Construction
- Road and River Crossing Techniques
- Restoration and Clean Up