

# Standards and codes development

## Capability statement



Standards and codes are guidelines to provide methods, models and criteria by which subsea pipelines may be designed, installed and operated.

## Expertise and knowledge

Jee's core business is subsea engineering and with over two decades of experience in the most challenging and complex problems, we have the expertise to develop recommended practices and standards in the industry.

Our work includes:

- ✦ Developing OTH 561 guidelines for trenching design of submarine pipelines (HSE)
- ✦ Joint Industry Project (JIP) on the development of recommended practices for testing mechanical connectors. Jee also prepared ISO 21329:2004 which codified these procedures
- ✦ PD 8010 – technical review and input to code of practice for pipelines
- ✦ Developing Engineering Technical Practice (ETP) documents for BP
- ✦ Developing the ISO recommended practice for pipeline life extension in line with ISO 13623:2000(E)

## Independent consulting

In today's competitive environment it is essential to remain at the cutting-edge of technology. By involving Jee as an external consultant in research and development projects, our clients have gained new insights. We provide niche expertise that a client may not have in-house, bringing added value to a project.

By developing new codes and standards, we offer the benefits of introducing a new concept, helping managers understand whether analysis is required or appropriate for their project and help engineers understand the reasons behind the guidelines.

## Proven track record

- ✦ ISO 2008 – Recommended practice for pipeline life extension
- ✦ BP 2007 – Guidance note on flow-induced pulsations
- ✦ Technip 2005 – Recommended procedures and methods for design of subsea flanges
- ✦ ISO 2004 – Recommended practices for testing mechanical connectors

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### List of related services

- ✦ Mechanical connectors
- ✦ Span vibration monitoring and assessment
- ✦ Trenching and non-trenching
- ✦ Joint industry projects (JIPs)
- ✦ Pigging
- ✦ Product development
- ✦ Fishing interaction
- ✦ Riser analysis
- ✦ Decommissioning
- ✦ Finite element analysis (FEA)
- ✦ Computational fluid dynamics (CFD)

### For more information

To find out how Jee can help manage and implement your engineering projects, please call us on +44 (0) 1732 371 371 or email [info@jee.co.uk](mailto:info@jee.co.uk).



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