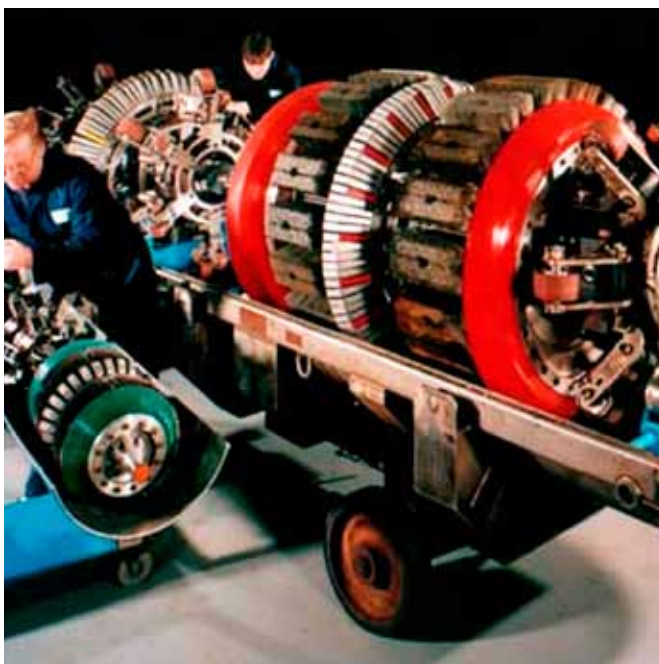


Pigging

Capability statement



Left: Brush pig
Below: Magnetic flux pig



Pigs are devices driven through a pipeline by the flow of the fluid. Pigs come in all shapes and sizes and perform a number of functions.

Maximise productivity

Many factors contribute to the downturn in efficiency of a pipeline system during its lifetime. A build up of sand, wax or hydrates can block a line and changes in temperature and pressure can contribute to corrosion and erosion – all of which affect flow rates and productivity. Investing in a pigging programme can aid safe operation and maximise output.

We have many years of experience in pipeline operations and integrity management, with particular expertise in pigging programmes and associated engineering issues.

Specialist knowledge

The selection and type of pig to be used and its optimum configuration for a particular task in a pipeline is based on several criteria. Jee has extensive experience in this field and therefore has the specialist knowledge to provide bespoke solutions to challenging subsea problems.

Our capabilities include:

- ✦ Piggability assessment of pipeline systems
- ✦ Specification of pigging/sphering regimes and design requirements
- ✦ Specification and selection of pigging equipment, including launcher/trap design and location
- ✦ Recommendations and advice on the retrieval of stuck pigs
- ✦ Management of pigging programmes and interpretation
- ✦ Assessment of pig-impacted riser bends

Proven track record

- ✦ BP 2008 – Validation of UKCS & Norway pipelines
- ✦ BP 2007 – Pigging studies
- ✦ BP 2005 – Pig impact at riser bends

Jee provided technical support and co-ordination for a number of BP's intelligent pig activities delivering very high quality support throughout the whole project.

Matthew Doherty, Pipeline and Risers Engineer, Subsea and Pipelines Team, BP North Sea SPU Operations

List of related services

- ✦ Specifications for inspection and remedial works
- ✦ Span assessment and monitoring
- ✦ Pipeline integrity management systems (PIMS)
- ✦ Management of intelligent pigging programmes
- ✦ Defect assessment
- ✦ Fitness for purpose
- ✦ Corrosion health checks
- ✦ Troubleshooting – dents, stuck pigs
- ✦ Decommissioning

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.



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