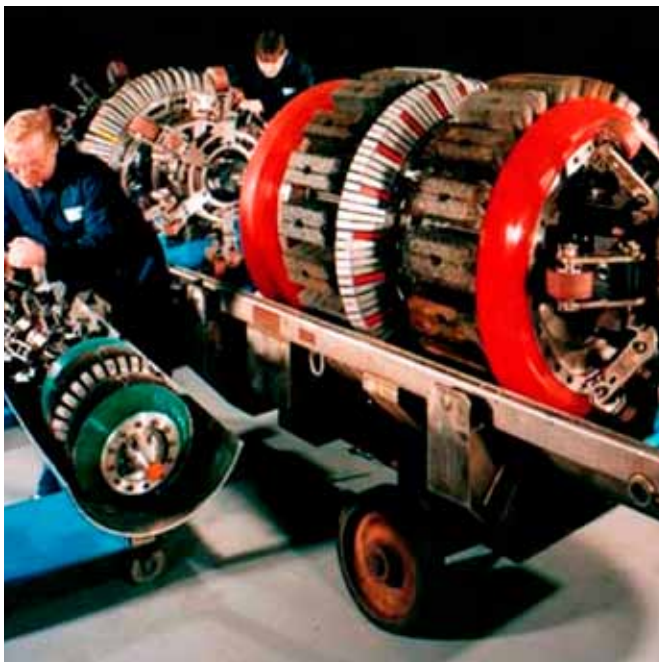


Management of intelligent pigging programmes

Capability statement



Left: Magnetic flux and Ultrasonic pigs
Below: Magnetic flux pig



Intelligent pigs enable comprehensive internal inspection of a pipeline to check for corrosion or cracks in the pipe wall. A correct pigging programme can save money and time in the production of oil and gas.

Efficient programme

In the current era of ageing pipeline infrastructure, the need to guarantee pipeline integrity is becoming ever more important. A reliable method for accurately inspecting a pipeline from pig trap to pig trap is to run an intelligent pig. Therefore, the management of intelligent pigging programmes is a key aspect of pipeline integrity management.

We have many years experience in pipeline operations and integrity management, with particular expertise in pigging programmes and associated engineering issues. Investing in a pigging programme can aid safe operation and maximise output by avoiding costly mistakes.

Added value

Jee is responsible for the integrity management of a number of pipelines for a range of operators. Through our experience in this field, we understand the capabilities and limitations of a wide-range of intelligent pigs that can be used for internal pipeline inspection. This knowledge is used to develop suitable internal inspection strategies for our clients.

We provide a full set of recommendations to enable our clients to continue operating with confidence in the integrity of their system. We also provide ongoing support and advice in determining inspection frequencies, ensuring the best value for money.

Proven track record

- ✦ BP 2008 – Validation of UKCS & Norway pipelines
- ✦ BP 2007 – Intelligent pigging strategy
- ✦ BP 2007 – Pigging studies
- ✦ Perenco 2005 - 2009 (ongoing) – Pipeline integrity management scheme

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)
- ✦ 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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