



Newcastle Innovation Centre, UK

Testing, Qualification and Development Facility



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The Newcastle Innovation Centre (NIC) provides a single, centralised facility for our comprehensive testing and qualification operations. Located close to our major Newcastle manufacturing centre, it streamlines and strengthens our already thorough on-site testing capabilities to improve control and make testing and quality assurance activities simpler and more transparent.

With its focus on rigorous testing and generating data on key aspects of product performance, the intelligence this facility generates helps us increase the reliability and predictability of GE Oil & Gas products in service in the harshest environments around the world.

Co-location of R&D teams with qualification and testing personnel within the NIC are helping GE Oil & Gas deliver the next generation of flexible pipes.

Key Technologies Served



Subsea Risers



Flexible Pipelines

Key Assets



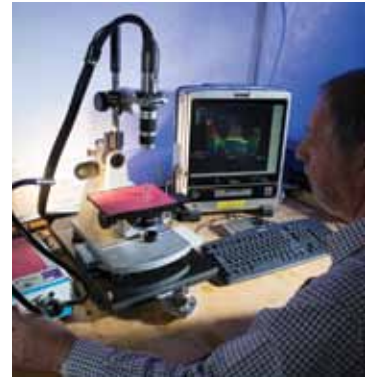
Testing Facilities



Material Laboratories



Integrity Management Centre



Primary Services

- Mid- and full-range thermal cycle rigs
- Birdcaging simulation rig
- Rotating and static bend rigs
- Tension tension rig
- Polymer fatigue testing
- Tape degradation and regression testing
- Tensile testing
- Creep testing
- Integrity management centre focusing on fibre optic temperature sensing and breach detection
- Custom-designed material laboratories for analysis and detailed testing

Specifications

Area	M ² (ft ²)
Total facility	10,384 (111,772)
Workshop	4,143 (44,595)
Office	680 (7,319)
Yard	1,984 (21,356)



GE Oil & Gas

GE Oil & Gas is inventing the next industrial era in the oil and gas sector. In our labs and factories, and in the field, we constantly push the boundaries of technology to solve today's toughest operational & commercial challenges. We have the skills, knowledge and technical expertise to bring together the physical and digital worlds to fuel the future. Follow @GE_OilandGas.

Subsea Systems & Drilling at work around the world

- More than 8,000 employees
- Operating in 11 countries across Europe, Africa, Asia Pacific and the Americas
- 16 Manufacturing sites
- 15 Service facilities

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