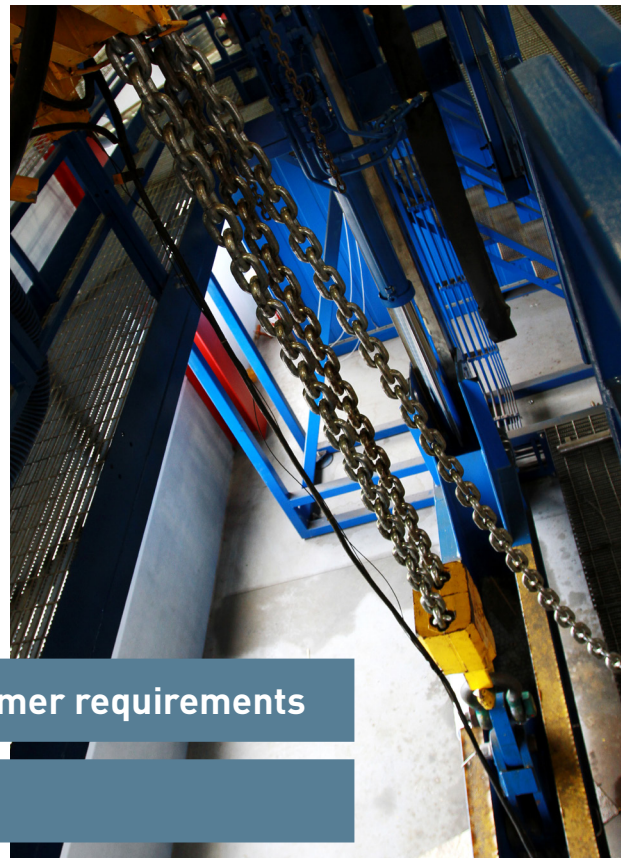


Crane and Lifting Equipment

Inspection, verification, and certification

Oceanengineering offers extensive services for inspection, third party verification, and certification of cranes and lifting equipment. Our offerings include consultancy, design, and manufacturing of specially designed, purpose-built cranes and lifting gear, as well as compliance evaluations, risk analysis, and failure mode, effects, and criticality analysis (FMECA).



FEATURES

Certifications to LOLER, ILO 152, or customer requirements

Dynamic testing of hoisting machinery

750 tonne hydraulic test-jig available

Crane and Lifting Equipment

Inspection, verification, and certification

Inspection services for lifting equipment use an in-house developed software database to track condition, inspection intervals, and maintenance history.

Engineering studies, modifications, and upgrading data storage

Oceaneering performs engineering studies for crane replacement, modification, and upgrading. Through alliance partners, we also install and modify cranes.

Our experienced engineers offer tailor-made solutions to meet customer needs, from small spreader beams to offshore transport frames for heavy machinery (pipe handling racks and complex subsea lifting tools, for example).

Comprehensive solutions

Oceaneering delivers comprehensive solutions inclusive of engineering, inspection, non-destructive testing, rope access, piping, mechanical, structural, and document management, planning, cost and benefit evaluation, risk assessment, and EC-conformity consultancy.

Hydraulic test-jig

Our in-house designed, 750 metric tonne hydraulic test jig is fitted with remote monitoring systems to facilitate safe handling during the testing of equipment. The jig is designed to test the ultimate strength of test objects and can withstand shock-loads when an object under test reaches failure. The jig is designed to accommodate larger-than-average test objects, with an internal length of 49 feet (15 meters) and width of 4.9 feet (1.5 meters).

Dynamic testing of hoisting machinery

We also offer testing services using our in-house designed 40 tonne hydraulic test-jig. The jig works on the constant tension principle, allowing for dynamic testing of hoisting machinery without the need for heavy stacking of weights. This results in a safer, more time-efficient and cost-effective method of testing hoists.

Supply and approval of additional lifting equipment

Oceaneering supplies lifting equipment including loose lifting gear and hoists. We provide new equipment or complete repairs to equipment if damage is found during certification inspections. Services provided for lifting equipment include:

- Inspection, testing, and certification of lifting equipment
- Engineering and modifications
- Maintenance and repair of appliances and gear
- Supply and approval of additional lifting equipment



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