

<b>JOB TITLE</b>	Graduate Subsea Mechanical Engineer
<b>LOCATION</b>	Aberdeen, UK
<b>EMPLOYMENT</b>	Permanent

#### DESCRIPTION OF FUNCTION

We have an opportunity for a Subsea Mechanical Engineer to work with our client in Aberdeen as part of their Subsea Engineering Department. The team are responsible for developing & supporting all activities from initial engineering through detailed design, procurement, manufacture, test and final installation of subsea oil and gas production equipment.

#### PRIMARY ROLE

- Commitment to Company HSE and Quality Policies
- With the support and guidance of senior/lead engineers:-
  - Carry out mechanical engineering and design for subsea oilfield operation
  - Carry out all aspects of onshore / offshore engineering work
  - Prepare / review calculations and perform mechanical / structural analysis as required
  - Preparation / review of specifications for procurement / manufacture / fabrication of appropriate items and equipment
  - Prepare / review onshore Assembly / test / FAT and offshore operations procedures
- Work with design / drafting personnel for the development of engineering / manufacture drawings
- Sub-contract and Vendor liaison, management and expediting
- Technical support of onshore assembly / testing as required
- Technical support of offshore operations as required
- Reporting to Company and client

#### EXPERIENCE AND COMPETENCIES

- Up to 5 years' experience in the subsea engineering, equipment and operations sector.
- Materials engineering awareness
- Capable of producing detailed design calculation packages
- Performing computer-based analysis (e.g. ANSYS) finite element analysis and the like
- Working knowledge of applicable industry mechanical, piping, subsea codes and standards
- Previous experience of the design manufacture, testing and installation / operation of subsea production facilities incl. subsea wellhead / xmas trees desirable
- CAD drafting capability desired, must have the ability to translate designs into drawings for manufacture and installation / operation working with design and drafting personnel
- Vessel based experience; desirable
- Previous experience of installation of subsea Xmas Tree / Choke / Intervention equipment from a Rig / DSV / RSV highly desirable
- Electrohydraulic controls experience highly desirable

#### QUALIFICATIONS AND CERTIFICATION

- Candidates should ideally be degree qualified in mechanical engineering or a related discipline.
- Candidates with HND or HNC qualification or similar will be considered, subject to demonstrable track record.
- Offshore survival certificate
- Relevant medical certification
- MIST all desirable not mandatory

#### OTHER

- Regular UK Driving License
- Working towards Chartered Engineer status desirable
- Self-starter able to work alone and set targets and priorities in support of the wider business / project goals
- Willingness for potential overseas travel to manufacturing and offshore sites