

Senior Structural Engineer Role



Job Title/Name:	Senior Structural Engineer (Offshore/Marine Construction Sector)		
Reports to:	Engineering Manager	Responsible for	Structural Engineers
Location of post:	Head Office/Hybrid	Department	Engineering
Duration:	Permanent		

Summary of Role Duties:

Red7Marine are looking for a Structural Engineer with great experience in the offshore/Marine Construction industry to be able to carry out complete engineering designs of Temporary Works, Grillage and Seafastening.

The perspective candidate:

- Will support the ongoing growth of the business where R7M are aiming to bring all structural engineering designs in house.
- Will have the support of an existing structural engineer and the wider engineering department.

Role Specific Duties:

The current job role will cover a selection of the following technical tasks within Red7Marine, under the guidance of the engineering manager, and the wider marine expertise within the business:

- To Perform and be responsible for structural analysis tasks using current company's software. Any required software package can be provided.
- Perform, manage, and deliver detailed design calculations in accordance with company's current requirements and the latest Industry Codes and Standards including statutory rules and regulations (Eurocode, DNV GL, API, AISC, EC and Norsok).
- Prepare high quality technical design reports to be submitted to either a client or a third party for review and approval.
- Enhancing the company's ability to win jobs through bespoke and efficient temporary work solutions.
- Review/comment and approve structural drawings for steel structures.
- Identify technical problems and make the necessary technical decisions within the limitations imposed by contractual requirements.
- Review technical specifications of vessels and approve recommendations for vessels to be used to execute the transportation, installation, or decommissioning activities.
- Technical support (concepts, evaluation & analysis) for on-going project requirements incl., sequencing, contractual, structural and geotechnical issues which are reviewed by line managers;
- Attend, and contribute to, various meetings aimed at assisting in tender/project development;
- Various Front End Engineering Design, working to applicable industry codes, standards & regulations for temporary works and health and safety assessments;
- Scoping ("high level") calculations for the above (structural & geotechnical and quantity calculations for pricing purposes);
- Production of various drawings (2D & 3D). These could include sequence diagrams, deck plans and design drawings in support of project work, using AutoCAD & Inventor;

General Duties:

The following general duties are intended to both support the business and develop wider business and industry awareness in the incumbent:

- To be able to manage multiple design scopes concurrently.
- To support other engineering departments and conduct jacked and floating stability checks using in-house spreadsheets. Experience will be preferred in this area otherwise training and guidance will be provided.
- To research codes, standards and regulations in support of tender and project work;

Responsibilities – Specific to Quality, Health & Safety and Environmental (QHSE) Management Systems:

- To comply with the Quality, Health & Safety and Environmental Policies and Management Systems and to take reasonable care of your own Health and Safety and that of others that may be affected by your acts or omissions;
- Comply with specific QHSE requirements of sites run by Red7Marine or others;
- Work within relevant QHSE codes & standards in planning and executing work;
- To report any environmental issues and concerns, and to suggest improvements.

Qualifications and Experience

- +5 years of experience will be preferred within offshore/Marine sector
- Degree in Civil, Mechanical, Marine, or related engineering discipline
- Valid CSCS Card (Or obtained once joining R7M)
- Temporary or permanent design great experience
- Grillage and Seafastening design experience
- Marine/offshore construction site experience
- Experienced and have knowledge with relevant codes & standards
- Management of design deliverables and supporting other teams
- Competence leadership at team level
- Valid UK Driving License

Benefits:

- Competitive salary with benefits and company pension
- Opportunities to work on different civil and offshore projects in the UK and overseas
- Access to a pool vehicle for any site visits
- Support in professional career growth. Further training can be provided
- Support/mentoring in the route to chartership with chartered engineers
- 25 Days Holiday + Bank Holidays
- B&CE Life and Accidents Cover
- Providing a full set of IT equipment and a phone
- Flexible working scheme

Apply:

- Please send your CV to recruitment@r7m.co.uk or follow the link below to fill in the form on the company's website: <https://red7marine.co.uk/marine-recruitment/>