

# JOB DESCRIPTION

## SENIOR STRUCTURAL ENGINEER



**Location:** London  
**Salary:** Negotiable  
**Job role:** **Senior** Structural Engineer  
**Job type:** Permanent

KW Ltd is an independent engineering company offering design and analysis as well as specialist consultancy and third party support services in Subsea Pipelines and Structures. We also provide specialist services in marine and coastal engineering, and in the emerging wind farm sector.

We have an international reputation for independent, innovative and high quality engineering. Our clients appreciate our flexible and responsive service, delivering added value in the form of safe, reliable and cost effective solutions.

The company has an impressive track record serving oil and gas majors and independents, installation contractors and suppliers. Our strength and differentiator is in the technical excellence and attitude of our team: we employ highly experienced engineers with wide ranging competencies in structures, geotechnical, civil and mechanical engineering. We have the ability to deliver tailored solutions whether in the context of conventional Subsea tie-back projects in the North Sea, or of some of the most challenging projects worldwide involving deepwaters, HPHT and extreme natural environments

We are currently in the process of expanding our structural department

Our growth is driven through international expansion; we have a growing international portfolio, currently covering the North Sea, North Africa, West Africa, East Africa, the Arabian Gulf, India, Mexico and Malaysia.

We are seeking a **Senior Structural Engineer** to join our team in London. There is potential for future relocation to other KW offices.

You can check out our website at [www.kwltd.com](http://www.kwltd.com) for further information.

### Reporting to:

- Immediate supervisor or Lead Engineer as assigned

### Key Responsibilities and Duties:

- Perform engineering duties as advised under supervision of assigned, Lead Engineer, Project Manager or supervisor
- Take responsibility for engineering tasks, and perform associated calculations and analysis
- Ensure compliance with corporate and project QMS and HSE procedures
- Supervise and co-ordinate engineers and draughtsmen
- Liaise with other members of the project team
- Proficient in writing and checking of design reports and calculation sheets
- Have experience of preparation of procurement data sheets and material and fabrication specifications
- Liaise with material and equipment suppliers
- Undertake assignments in other KW offices, client offices, vessels or on-site
- Support to bid preparation

- Provide input to development of engineering methodologies and tools
- Undertake research and development projects
- Contribute to the Company Technical and Marketing Publications and presentations

#### **Competencies and Experience:**

- 5 years minimum experience with a minimum of 3 years of direct offshore structural and subsea *design* experience
- Preferably gained experience in design engineers/consultants or installation contractors
- Competent in structural design, especially in a subsea environment
- Knowledge of subsea structural requirements and details
- Competent in use of relevant codes and software
- Construction and offshore experience desirable
- Knowledge of materials and corrosion control
- Project engineering experience desirable
- Experience in bid preparation desirable
- Knowledge of subsea pipeline design

#### **Preferred Software Experience:**

- FS2000 essential
- Abacus
- Mathcad
- MS Word and Excel

#### **Qualifications:**

- Relevant degree qualified
- Specialist Masters and chartered status welcome

#### **Other**

- Willingness to travel on international assignments preferable