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[www.dlteng.com](http://www.dlteng.com)

## **Staff Recruitment**

### **JOB DESCRIPTION**

**Job Title:** Principal Civil/Structural Engineer  
**Department/Location:** Darlington Engineering Office, DL1 4WB  
**Reporting to:** Engineering Manager

#### **Key Objective:**

DLT Engineering can trace its links to historical companies formed in the 19<sup>th</sup> century. As such, the Company has a long and distinguished history in the construction of landmark structures around the world, particularly iconic bridges and buildings. DLT Engineering continues that tradition with international involvement in exciting and high profile projects in a range of industries. The Company's principal focus now is the design, manufacture and operation of specialist equipment and temporary works for the construction of bridges, buildings, offshore structures, refineries, power stations and industrial plants. We have particular expertise in the erection of long span suspension and cable stayed bridges and in the engineering for specialist modular construction including heavy lifting and skidding operations. DLT Engineering are a dynamic, technology-driven company who encourage their employees to interact, innovate and develop within a supportive, close knit environment.

To strengthen the engineering team in our Darlington office in North East England we require an enthusiastic civil/structural Principal Engineer with comprehensive experience in engineering management and structural design, particularly steelwork.

#### **Main Responsibilities and Duties:**

- Engineering project management including resource planning and programming, design review and ensuring agreed deliverables are completed and issued on time.
- Client liaison on technical matters.
- Work within an established team of Engineers and CAD Technicians in accordance with the requirements of our Company Management Systems (ISO9001, ISO45001 and ISO14001)
- Mentor and check/review the work of Engineers and CAD Technicians
- Conceptual and detailed design of construction methods and temporary structures, particularly in steel to Eurocode standards.
- Analysis of structures using computer programs STAAD Pro and LUSAS.
- Preparation of design calculations, using Microsoft Excel.
- Preparation of sketches and drawings both by hand and use of Autodesk AutoCad and/or Inventor.
- Supervision of CAD team colleagues to produce 3-D models, GA and manufacturing drawings.
- Preparation of technical documentation including project design statements, designer's risk assessments and engineering method statements.
- Preparation of design estimates for project budgets and fee proposals.

#### **Qualifications and Experience:**

##### **Essential:**

Chartered Engineer with a good degree (min 2:1) in civil/structural engineering.

Minimum 12 years post graduation experience in analysis and design of structures, particularly in steel.



### **Staff Recruitment**

Experience of technical team leadership and management.

Temporary works and construction engineering knowledge of heavy lifting equipment and techniques.

Comprehensive knowledge and experience in the use of Eurocodes for design.

Knowledge and experience in the use of CAD packages (Autodesk AutoCad and/or Inventor)

Good general IT skills (Microsoft Word, Excel, Powerpoint, E-mail systems etc).

Good problem solving, presentation and communication (written and verbal) skills.

#### **Preferable:**

Experience in design of temporary works, particularly related to heavy lifting and moving projects.

Some site and/or industrial practical experience.