

Staff Recruitment**JOB DESCRIPTION**

Job Title: Design Engineer (Senior Engineer or Engineer grade)
Department: Higham Ferrers Office – Design Department (Northants, NN10 8DN)
Reporting to: Higham Ferrers Design Office Manager

Key Objective:

DLT Engineering can trace its links to historical companies formed in the 19th 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 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. Details can be found at www.dormanlongtechnology.com.

DLT Engineering are a dynamic, technology-driven company who encourage their engineers to interact, innovate and develop within a supportive, close knit environment.

To strengthen our Northamptonshire design team we require a graduate engineer with several years of experience in structural and/or mechanical design. The successful candidate will be either Chartered or nearing Chartered and will be involved in the conceptual and detailed design of construction engineering schemes, temporary works and specialist equipment.

Main Responsibilities and Duties:

- Working within an established team of Engineers and CAD Technicians in accordance with the requirements of the Company Management System (ISO 9001, OHSAS 18001 and ISO 14001).
- Conceptual and detailed design of construction methods and temporary structures, particularly in steel.
- Outline and detailed design of specialist equipment, particularly related to heavy lifting and moving projects.
- Erection engineering.
- Analyses of structures using structural analysis (FEA) computer programs (STAAD Pro and LUSAS).
- Preparation of detailed calculations using Microsoft Excel.
- Preparation of sketches and drawings using Autodesk AutoCAD and/or Inventor.
- Development of standard spreadsheet solutions suitable for use with Microsoft Excel.
- Provide engineering support to construction sites.

Qualifications and Experience:Essential:

- Graduate engineer; either Chartered or nearing Chartered. (For employees who have not attained Chartered status we operate graduate training schemes which are approved by the ICE and by the IMechE.)
- Post-graduation experience in analysis and design of structures, particularly in steel.
- Experience in the use of computer drafting programs (Autodesk AutoCAD and/or Inventor).
- Good general IT skills (Microsoft Word, Excel, E-mail systems, etc).
- Good presentation and communications skills.

Preferable:

- Experience in design of temporary works, particularly related to heavy lifting and moving projects.
- Experience in the design of hydraulic equipment.
- Knowledge of bridge deck design and analysis, including 3rd party checking for both permanent and temporary works.
- Some site and/or industrial experience.