

Staff Recruitment

JOB DESCRIPTION

Job Title: Trainee/Junior CAD Technician
Department/Location: Darlington Engineering Office, DL1 4WB
Reporting to: 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 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. Details can be found at www.dormanlongtechnology.com.

DLT Engineering are a dynamic, technology-driven company who encourage their employees to interact, innovate and develop within a supportive, close knit environment. For graduate engineers who have not attained Chartered status we operate graduate training schemes which are approved by the ICE and by the IMechE

To strengthen the engineering team in our Darlington office in North East England we require an enthusiastic and committed junior/trainee CAD technician who is keen to follow a career in the construction engineering industry. This is a long term staff appointment to strengthen our technical team for the future.

They will be part of a team involved in the conceptual and detailed design of construction engineering schemes, specialist equipment and temporary works.

Main Responsibilities and Duties:

The successful candidate will be trained and mentored to develop/improve their CAD skills and capability using Autodesk Inventor and AutoCad software to create the following;

- Preliminary 3-D models for use in sales and marketing, and also develop/produce detailed 3-D master models for secured projects.
- Produce general arrangements, marking plans and detailed manufacturing drawings from master models for the manufacture of components and assembly/erection of structures.
- Produce geometrical set-outs and arrangements for concepts and design development.
- Produce scheme drawings which define construction methods and sequences.
- Produce material schedules for information with respect to pricing and procurement.
- Develop/produce animations to illustrate operational sequences when using our integrated structures (eg erection gantries) and bespoke equipment.

Qualifications and Experience:

Essential:

Minimum of 5 GCSE including Maths, English and a Science.

Appropriate level 2 qualification in computer aided design or similar.

Some knowledge of using 3-D modelling CAD software and it's applications.

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

Good presentation and communications skills

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Preferable:

Some work experience/knowledge of 3-D CAD modelling for manufacturing/construction works.