

JOB DESCRIPTION

Job Title: Trainee Design Engineer / Degree Apprentice
Directly reports to: Senior Engineer / Director
Location: London

Position Summary:

To take guidance from and assist Engineers & Senior Engineers by carrying out design related duties as directed.

Responsibilities and authority:

- Assisting a team of engineers and technicians with the production of engineering drawings
- Assist in production of 3D or 2D drawings using computer software
- Assist in preparation of simple engineering calculations
- Initial checking of own work
- Contributing to providing solutions to design problems
- Meeting agreed deadlines
- Attending meetings and/or site visits/surveys with Senior Engineer/Director
- Attending and participating in company activities, presentations and workshops
- Keeping your training log up to date and attending training/Continuous Professional Development where appropriate
- Supporting the administration of projects including document control through common data environments/systems
- Liaising with manufacturers and third parties to assist the team
- Ensuring application and maintenance of all Quality System procedures

Education and Experience:

- Minimum of 5 passes at GCSE level (Grade A-C) including English, Maths and a science subject.
- Preferred minimum of 3 A-Levels including English, Maths and a science subject (preferably Physics or Technological Studies)
- Alternatively completed a recognised Electrical apprenticeship within the construction industry.

Specific skills, knowledge, competencies and training:

Essential:

- Good communication skills within a team and externally
- All Relevant training will be provided
- The desire to work in an engineering office environment
- Good numeracy, literacy and computing skills
- Ability to manage your own time and prioritise at busy times
- Awareness of the Building Services Engineering environment
- Ability to think in a methodical way

Desirable:

- Willingness to achieve professional qualification.
- An interest in using computers for design work, calculations, and testing designs
- A temperament that means you work well with other people
- Previous consulting engineer experience
- Knowledge and experience of Autocad or Revit software
- Knowledge of energy and thermal modelling software such as IES