SIGNAL HOUSE GROUP LIMITED

Job Description: Design Engineer

Job Title: Design Engineer

Reporting Structure:
The post holder shall report directly to the Design Manager or in his absence the Head of Group Consultancy.

Management Responsibility:
None

Main Duties:

- The post holder is required to carry out work as allocated by the Design Manager or Design Co-ordinator within the boundaries of their skill and competence, this will include interpretation of structural, civil and/or mechanical designs into working solutions and preparation of detail and design drawings.
- To work both independently and as part of a team.
- The post holder will be expected to interpret technical drawings; work to sketches/development work and have good communication skills subject to training received.
- Liaise with colleagues to determine engineering solutions to problems which may arise
- Preparation of detail and design drawings using AutoCAD and/or Inventor software.
- Preparation of calculations as required to prove designs using appropriate software.
- The post holder may be allocated administrative duties within the department this may include photocopying and scanning documents and responsibility for ensuring that all documentation is correctly indexed, filed and up to date.
- The post holder is also required to liaise with company personnel with regard to engineering specifications, drawing queries, design briefs, project engineering matters etc.
- To work on the design of new and existing products ensuring cost effective usage of materials and methods.
- Work to provide technical assistance to sales, purchasing, manufacturing and installation departments.
- Liaise with clients regarding approval of designs.

General Duties:

- The post holder is required to conduct themselves in accordance with their contract of employment and the company handbook.
- The post holder must to the best of their knowledge and experience carry out work in such a manner so not to endanger their own health and safety, that of their colleagues, the company's clients, the general public, our suppliers or the environment.
- The post holder shall do their utmost to protect and enhance the company's commercial and financial wellbeing and reputation.
- The post holder may be required to be called upon to carry out other reasonable requests/duties for the company at the discretion of his or her line Manager.
- Engage in training, development and education in order to keep skills and knowledge current and to strive for continual improvement.
- This job description should not be regarded as exclusive or exhaustive. There shall be a requirement to carry out other duties which the Company believes are within your capability.

Revised by: T Turton Date: 22/05/2021

Expected Qualifications:

- BEng/BSc(Engineering)/HND/HNC
- Engineering Council Registration (optional)

Experience:

- 2-3 years post graduate experience, ideally structural/civil related
- Working knowledge of AutoCAD and/or Inventor
- Working knowledge of Bentley Microstation (not essential)
- Working knowledge of Microsoft Word
- Working knowledge of Microsoft Excel
- Knowledge of document control requirements in an industrial environment.
- Awareness of ISO 9001