

AVAILABLE POSITION

Senior Mechanical Design Engineer

Job description

PURPOSE AND ROLE

Responsible for engineering concepts and solutions under the supervision of the Principle Engineer, Engineering Manager or Engineering & Projects Director

REPORTING RELATIONSHIP

- Engineering Manager

KEY SUPPORTS

- Engineering Manager
- Project Managers/Engineers
- Selected Designers/Engineers

QUALIFICATIONS

- Degree, HNC/HND (Significant experience and references in Engineering activities will be highly valued, in the Nuclear industry or other similar industries)

Key Aims & Objectives

- Production of engineering concepts and technical solutions compliant with company and international standards
- Engineering of mechanical equipment to a level sufficient for manufacture and functionality
- Checking and Issuing of design and process documents
- Substantiation/validation of design output

Prime Responsibilities and Duties

- To produce engineering designs and associated engineering documents (such as drawings, calculations, reports) and ensure they are completed within the required timescales
- To issue engineering documents, as required
- To assist in general clerical and administrative duties to ensure the smooth running of the Engineering Department
- To progress small and medium sized engineering projects, as allocated, or working as part of a team on larger projects. In both cases, most work should be carried out with minimal supervision, but with regular consultation with the Head of Department or other team members
- Project work, in addition to design, will include all aspects of the design process such as draughting and testing of products, as well as other organisational tasks, as deemed appropriate, in order to ensure timely progress of projects being worked on

Required Skills

- Concept, scheme and detail design engineering
- SolidWorks, 3D CAD
- Conversant with working to international standards
- Strong analytical, mathematical and engineering calculations ability
- Good reporting skills to inform the Engineering & Projects Director