



# SENIOR MECHANICAL ENGINEER

## Job Specification

To support the delivery of our projects we are seeking a Senior Mechanical Engineer to join the team in Birchwood – Warrington, Westlakes - Cumbria or M-Sparc - North Wales. The responsibilities of this role are to undertake the design of various systems and to provide oversight and checking of others work.

The mechanical systems this role primarily covers are predominately for the nuclear industry, both on new build and decommissioning sites and projects, and can include the following:

- Mechanical handling equipment
- Glovebox and other alpha plant equipment
- Beta and gamma plant and equipment
- Process piping and related equipment

### Required experience:

- Leadership of design teams in the production of design deliverables, in compliance with company and client processes and procedures.
- Production of design deliverables with minimal supervision, typically including Quality Plans, Basis of Design, Schedules, Reports, Assessments, Data Sheets, Method Statements, O&Ms, LTRs etc to programme deadlines.
- Checking and reviewing mechanical design deliverables to programme deadlines and to appropriate relevant standards, codes, and regulations.
- Management of work packages, with some responsibility for time and resource allocation.
- Management of mechanical design configuration baseline in response to developing project requirements and design information from the supply chain.
- Management of key stakeholders and conversant with customer and industry standards.
- Use of MS Office products.
- Use/awareness of specialist software packages, e.g. Vault, Inventor, Navisworks etc
- Evaluation of design proposals in terms of cost, programme, resources, technical complexity, risk etc.
- Production of time and cost estimates for engineering tasks.
- Mentoring and support of the development of engineers, designers, and apprentices.

### Desired skills & qualifications:

- BEng/MEng degree or HND/HNC in a relevant field or equivalent experience.
- Excellent communication skills and ability to interface with all levels of the engineering organisation.
- At least two years' experience in a similar role. Previous nuclear experience is highly desirable though not essential providing that other suitable experience can be demonstrated.
- Experience of working in multi-disciplinary teams
- Awareness of other engineering disciplines, e.g. electrical, process etc.
- Experience of calculation and analysis tools such as Mathcad, Ansys etc.

At interview, the candidate shall be expected to discuss, describe and give examples of the above skills and experience requirements.

This role can be either fully office based or hybrid arrangement of office and home working. There is a requirement to routinely interface with client project teams and travel will therefore be necessary from time to time.

For further details please contact - [Janine.Rudenko@tenetconsultants.co.uk](mailto:Janine.Rudenko@tenetconsultants.co.uk)



Safety



Integrity



Value



Collaboration