



# SENIOR ELECTRICAL ENGINEER

## Job Specification

To support the delivery of our projects we are seeking a Senior Electrical 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.

### Required experience:

- The EC&I plant systems this role primarily covers are;
  - Electrical distribution systems
  - UPS Systems
  - Lighting and small power
  - Fire detection and alarm system
  - Cable Management and routing
- Management of EC&I design configuration baseline for the above EC&I systems in response to developing project requirements and design information from the supply chain.
- Production, checking and reviewing EC&I design deliverables to programme deadlines and to appropriate relevant standards, codes, and regulations.
- Have produced a large range of design deliverables with minimal supervision, typically including Quality Plans, Basis of Design, Schedules, Reports, Assessments, Data Sheets, Method Statements, O&Ms, LTRs etc.
- Management of key stakeholders and conversant with customer and industry standards.
- Ensures policies and procedures are applied consistently by whole team.
- Competent in use of MS Office products.
- Have experience of specialist software packages, e.g. Amtech (Trimble), AutoCAD, DIALux, SharePoint etc.
- Critically evaluates designs proposals in terms of cost, programme, resources, technical complexity, risk etc.
- Has used multiple calculation tools over several years, e.g. hand calculations, Cable Calculations, Excel, etc.
- Mentor and support the development of engineers, designers, and apprentices.

### Desired skills & qualifications:

- Has excellent communication skills and is able to interface with all levels of the engineering organisation.
- Has a BEng/MEng degree or HND/HNC in a relevant field, or demonstrable equivalent experience.
- At least two years' experience in a similar role, previous Nuclear experience is highly desirable though not essential providing that suitable experience can be demonstrated.
- At interview, shall be able to demonstrate the following competencies:
  - Evidence of their design competence through previous work and projects.
  - Conversant with existing CAE tools, AutoCAD, Amtech (Trimble), DIALux/Relux.
  - Independently capable of managing their area of responsibility.

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