

# ELECTRICAL ENGINEER/SENIOR ENGINEER (Dependent on experience)



Lathom, Lancashire



Dependent on experience + Benefits



Educated to degree level or BTEC HND with significant experience



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## WHO ARE WE?

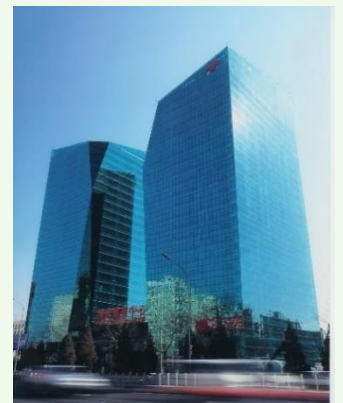
The NSG Group is a global leader in glass manufacturing in three business areas: Architectural, Automotive and Technical Glass.

Our mission is to be the global leader in innovative high-performance glass and glazing solutions, working safely and ethically.

## THE ROLE

Architectural Engineering provides a total project engineering service for capital projects on behalf of NSG Group and client companies worldwide. This service covers all aspects of the project from feasibility, specification, design and procurement to installation and commissioning. Projects vary between the build of a new factory on a Greenfield site to a major overhaul of an existing plant.

A vacancy has arisen for an Electrical Engineer (or Senior dependent on experience) within Architectural Engineering. Travel is an integral part of the role and will consist of short design trips as well as trips of around 6 weeks at a time supervising the installation and commissioning phases.



## KEY RESPONSIBILITIES AND ACCOUNTABILITIES

### HSE & Standards

- Provide leadership and contribute to company environmental, health and safety standards in compliance with company policies to ensure a safe working environment and the minimisation of environmental impact
- Ensuring standards, specifications and guidelines pertaining to discipline conform to the requirements of relevant industry legislation, standards, and guidance

### Engineering

- Liaise with and manage interfaces with other engineering disciplines to develop full electrical system designs
- Prepare and manage the preparation of design deliverables including, Substation, MCC, control panel design packages, installation and cabling design, optimum protection setting determination and test specifications
- Prepare and manage the technical specification for installation of power systems including the creation of single line diagrams, cable schedules, wiring schedules and loop drawings
- Preparation and management of electrical loading lists

### Procurement

- Responsible for the technical aspect of the procurement of equipment and tendering of installation contracts
- Manages project spend in accordance with approved budgets
- Construction
- Management of onsite installation and commissioning, meeting of safety, quality and schedule objectives of project
- Preparation and completion of all commissioning documentation

### Management

- Planning of contract design activities to achieve project deadlines
- Use Continuous Improvement methodologies to promote built in engineering quality concepts into standard work
- Prepare & execute project documentation in accordance with good documentation practices
- Third party design house management and scoping

### Support

- Provide technical support for electrical & control related equipment post installation for manufacturing sites

## REQUIRED EXPERIENCE

- Design of LV and MV Systems
- Protection Setting and Fault Level Determination
- Electrical and Machinery Safety
- Factory Acceptance Testing
- MCC/Control Panel Design
- Detailed Installation Design
- On Site Commissioning
- Project Cost/Planning Control or Management

## ADVANTAGEOUS EXPERIENCE/ SKILLS

- Programmable Logic Controllers (PLCs)
- HMI/SCADA
- Variable Speed Drive Application Knowledge
- Responsible Position in an Industrial Environment
- Practical Knowledge of Amtech (Trimble)
- On Site Installation Management
- Feasibility Studies and Budget Preparation

## SKILLS/ QUALIFICATIONS

- Educated to degree level or BTEC HND with significant experience
- Effective prioritization of projects and tasks to ensure delivery on time and within budget
- Pro-active and able to work on own initiative, ready to identify problems and quickly report them/ provide solutions
- An ability to work under pressure and to tight timescales
- Exceptional interpersonal and team-working skills with a natural enthusiasm and an ability to work hard
- Self - starter who drives for results

## BENEFITS

- 25 days holiday per annum plus declared public holidays
- Holiday Purchase Scheme (purchase up to 5 additional days per year)
- Flexible working (office and home)
- Private Healthcare Plan
- Management Car Subsidy Scheme - £870 p.a. when individual enters into a finance agreement to purchase a car
- Management Bonus Scheme – pays up to 20% of basic salary, based on business targets and not guaranteed
- Group Personal Pension Plan – a defined contribution scheme with Aviva with up to 8% employer contribution
- On site car parking
- Canteen facilities on site
- Site Fitness Activities and Events

A full UK driving licence and car ownership would be an advantage due to limited public transport to the site

Based at rural 50-acre site in West Lancashire between the cities of Liverpool and Manchester, within easy reach of the Lake District and Peak District.

If you believe you take on the challenge, we very much want to hear from you. To apply please send your CV and covering letter to [RecruitmentVacanciesUK@pl.nsg.com](mailto:RecruitmentVacanciesUK@pl.nsg.com) and quote reference **PTML P24-03**.