

# Process Steelwork Engineer



Lathom, Ormskirk, West Lancashire



Competitive salary dependent on experience + Benefits



2:1 Degree in Mechanical or Civil Engineering



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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 a Process Steelwork Engineer within Architectural Engineering. Travel is an integral part of the role and will consist of both short design trips as well as trips of around 6 weeks at a time supporting the installation and commissioning phases.

The main features of the role are to carry out:-

- the design for glass manufacturing process steelwork projects including large scale industrial glass melting furnaces, float bath steelwork and coater beam support steelwork.
- the outline steel design and basic structural steel design calculations for process steel elements and assemblies.
- the design planning work, technical query and contract management of contracted-out process steelwork design services and structural consultancy services
- the technical support for procurement of Process Steelwork including specifications, technical queries and visits to steel fabricators for inspection and quality control.
- support the on-site installation, inspection and commissioning of process steelwork.
- the development of in-house training resources for improved technical understanding of NSG existing process steel designs through 3-D analysis and simulation of structural behaviour



## WHAT ARE WE LOOKING FOR? "You and Your Technical Skills"

### Knowledge and experience of :-

- Process Steelwork structural calculations, outline design & detailing requirements for CAD drgs
- Process Steelwork fabrication processes and procurement specifications for Process Steelwork
- Process Steel inspection processes and quality control
- Process Steelwork installation supervision and contractor management including health and safety
- Management of internal and external resources/contractors and consultants to deliver process steel design deliverables including calculations, installation drawings, fabrications drawings and bills of materials.
- Knowledge of glass melting furnaces or high temperature process steel design is preferred but not essential.

### Skills/Qualifications

- 2:1 or above - Degree qualified engineer - Mechanical or Civil or equivalent
- Associate member of above with Institution of Mechanical Engineers (IMechE), Institution of Civil Engineers (ICE), Institution of Structural Engineers (IStructE) or equivalent
- Skilled in working with multi-disciplinary & multi-cultural teams
- Skilled at 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
- Detailed and thorough, with natural enthusiasm and conscientious approach
- 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)
- Management Bonus Scheme – based on business targets and not guaranteed
- Additional remuneration for overseas work (if over 14 consecutive midnights)
- Group Personal Pension Plan – a defined contribution scheme with Aviva with up to 8% employer contribution
- On site car parking & EV charging
- Canteen facilities on site

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

*If you believe you have the skills and abilities we need, and there is a match between our profile and your aspirations, we very much want to hear from you!*

Please send your CV and covering letter stating why you are interested in this specific role in our organisation to [RecruitmentVacanciesUK@pl.nsg.com](mailto:RecruitmentVacanciesUK@pl.nsg.com) and quote reference **PTML P23-07**.