

Graduate Project Engineer



Unit Superheater Engineering Ltd have an immediate position available for a Graduate Project Engineer to join its experienced engineering team. Unit Superheater Engineering design, manufacture and install specialist heat transfer and high pressure equipment such as heat exchangers, pressure vessels and superheaters for the petro-chemical and power generation industries.

Working within the engineering team, the Graduate Project Engineer will be responsible for taking control of multiple projects for various types of heat transfer and high pressure equipment, from order stage through to completion.

Main Responsibilities

- Interpret customer design requirements from data sheets, drawings and specifications.
- Visit customer sites for visual / dimensional surveys or meetings.
- Control engineering projects from order placement to data dossier submission.
- Produce detailed fabrication drawings using 2D AutoCAD and/or 3D Solidworks software.
- Use process design software to design and size various types of heat transfer equipment.
- Produce mechanical design calculations using design software, spreadsheets or hand calculations in conformity with international design codes and customer specifications.
- Monitor costs on engineering projects and ensure any variations are recorded and agreed with the customer.
- Prepare estimates and quotations for heat transfer / pressure equipment.
- Produce quality control documentation.
- Prepare requisitions for materials and organise sub-contractor services.
- Produce project schedules and monitor project progress
- Assist with the transport or shipping of equipment.
- Liaise with customers, inspectors and third party personnel on and off site.
- This is a role that will require the employee to work a reasonable amount of overtime when expected to meet company and client requirements.

Candidate Requirements:

- Degree Qualification in Mechanical or Manufacturing Engineering.
- Experience using Solidworks 3D and/or AutoCAD 2D software.
- A competent user of Microsoft Word and Excel.
- Highly motivated with strong communication, organisation and multi-tasking skills.
- Ability to read and interpret technical drawings would be beneficial.

Location :Swansea, South Wales

Salary : £26,000 per year
depending on qualifications
and any experience

Benefits: Company Pension +
25 Days Holiday + Overtime Pay

Job Type : Full Time Permanent
(37 Hours per week)

**Please send all CVs to
careers@unitbirwelco.com**