

Job Description

Powertech Refrigeration Ltd have developed into one of the UK & Irelands' largest industrial refrigeration companies with expertise in turn-key developments, refurbishment, and maintenance with a breadth of experience in pharmaceutical, transportation and production facilities.

Job Title: Engineer (Design)

Reporting to: Project Manager

Salary: £28 - £36k

Purpose: The Engineer shall be responsible for providing design and development support from concept to final production within the project management office. They will be able to do this through the production of high quality 2D and 3D engineering design work using AutoCAD and Revit, reporting and site work.

Location: At our head office in Markethill or Formation Works Armagh City, County Armagh.

Hours of work: Monday – Friday, 08:30 am – 17:00 pm.

Key Responsibilities:

- Undertaking site surveys of plant.
- Developing and drawing of new and existing plant (General arrangements and P&ID's).
- Equipment selection calculations (Pipe work, Pumps, Refrigeration Equipment).
- Collection and creation of handover documentation.
- Drafting of technical submissions.
- ACC (Autodesk Construction Cloud) – Training will be provided on this to support the project engineer team.
- Opportunity will be provided to work on site as a site engineer to support the project delivery team.
- Be proficient in creating 2D and 3D drawings using software/programs such as AutoCAD and Revit.

- Ensure that all plans and drawings are accurate, meeting industry standards and project requirements.
- Work closely with clients, consultants and contractors to obtain specification requirements, measure components as well as sites to include in drawings and reports/O&M Manuals.
- Travel to sites as and when required to fulfil job requirements.
- Collaborate with other team members to ensure the efficient completion of projects.
- Provide technical and administrative support to the project management office.
- Support Project Manager as required.
- Any other duties as determined reasonable by the Project Manager.

What we require from you:

- Always represent Powertech with profession and integrity.
- The ability to work independently with limited supervision.
- Undergo job-related training for completing sitework such as C.S.R, CSCS, IPAF, SSSTS etc.

Person Specification

Job Title: **Engineer (Design)**

Reporting to: **Project Manager**

Criteria	Essential	Desirable
Qualification/ Attainments	<ul style="list-style-type: none"> • A recognised qualification in mechanical engineering, electrical engineering or equivalent. 	<ul style="list-style-type: none"> • Member of association of engineering institution such as: IEl, IET and IMECHE.
Relevant Knowledge and Experience	<ul style="list-style-type: none"> • 1 years' experience using design programs including AutoCAD to create 2D and 3D site drawings. • Proficient in using the Microsoft Office suite of programmes such as Word and Excel. • Creation and use of Gantt charts. 	<ul style="list-style-type: none"> • 1 years' experience in Fluid Dynamics relating to Pipework Design and Pump Selection. • Knowledge of Refrigeration, HVAC and Heat Pumps. • Be familiar with Programmable Logic Controller control and programming. • 1 years' experience of compiling of Technical Submissions and Hand over Documentation.
Skills & competencies	<ul style="list-style-type: none"> • Excellent verbal and written communication skills. • Proactive with the ability to effectively use own initiative. • Good problem-solving skills and attention to detail. • Ability to work independently and collaboratively. 	
Special circumstances	<ul style="list-style-type: none"> • Ability to work flexibly as required to ensure business needs are met. • Access to a car or an ability to travel independently to enable the post holder to fulfil the requirements of the role. 	