

Electrical Design Engineer
FlowTech
Leeds
Competitive Salary

Everything we do at Flowtech is focused on keeping business moving, whether that's supplying a product or designing and building a complex engineering solution. As the premier provider of fluid power products and solutions, we have the scale and mobility to minimise downtime, optimise performance and maximise lifespans. As a specialist we offer the expertise, experience, services and solutions our customers need, all in one place.

Responsibilities:

- Detailed design of electrical cables and systems
- Preparation/production of 2D electrical installation and fabrication drawings from the 3D model including cable containment installation drawings, penetration installation drawings and material schedules in line with recognised ISO and industry standards and to the required; time, cost, and quality requirements.
- Production of electrical single line diagrams / block diagrams / schematics / cable schedules / termination drawings.
- Liaise with professional engineering colleagues and various stakeholders during detail design phase to ensure coordination and functionality of design through spatial integration reviews and design reviews.
- Develop innovative design solutions.
- Provide solutions to manufacturing and installation issues by assisting in the resolution of Technical and Production Queries.
- Reporting of technical progress and issues to line management.
- Be aware of and ensure that; safety, health and environmental requirements are implemented.
- Have experience of producing PL/SIL calculations
- Proficient in AutoCAD and Eplan

Skills & Experience:

- The post holder is required to hold an NC/HNC or an equivalent qualification in Electrical and Electronic Engineering.
- Apprenticeship in relevant discipline or relevant industry experience.
- Experience in Design for Manufacture within a marine build and/or refit marketplace or similar.
- Be proficient in the use of one or more parametric/spec driven CAD system in a 3D/2D environment.
- Good working knowledge of Microsoft office suite.
- Knowledge of change control process when updating the revision of drawings / documentation.
- Knowledge of Hydraulic systems desirable.