



Job description – Senior Electrical Design Engineer

Cathodic Protection Co Ltd is a leading specialist engineering company based in Grantham, providing corrosion solutions to the oil, gas, water and construction industries globally. Established in 1950, the company has experienced significant growth in recent years through effective market development and the introduction of innovative new products.

An exciting full-time opportunity has become available in Grantham to work for a well-established Engineering company who are looking for a full time Electrical Design Engineer.

The ideal candidate should have experience in the electrical testing of LV control panels.

- Working within a team producing Control Panels
- Attention to detail in all areas
- To produce general arrangement drawings and schematic drawings for transformer rectifiers and switch-mode modules.
- Produce bill of materials
- Produce fabrication drawings using autoCAD and solidworks (they must at least 3 year experience with both)
- Liaise with clients and their representatives during witness FAT.
- Prepare test certificates and associated documentation.
- Working to other technical drawings (GA's, fabrication etc.)
- Working to electrical schematic drawings
- Working to deadlines
- Testing remote monitoring systems
- Produce label drawings using autoCAD
- To assist in our test bay during busy periods of manufacturing

The skills required are:

- Background of electrical testing using single phase and 3 phase voltages (*must* have at least 3 years experience)
- Strong MS Office Skills (Required)
- AutoCAD and solidworks (*must* have at least 3 years)
- Control panel design (*must* have at least 3 years)
- Knowledge of PCB design
- Understanding of communication protocol (RS485/RJ45/serial/etc)
- Formal electrical qualification

Benefits:

- 9 day fortnight
- Week A: 7:30am to 16:30pm Monday to Friday
- Week B: 7:30am to 16:30pm Monday to Thursday (Friday off)
- 32 days holidays per year (inclusive of public holidays)
- Parking
- Auto-Enrolment onto pension scheme
- Death in service nomination
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