

JOB DESCRIPTION

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| Job Title | Design Engineer – Electrical |
| Location | Hydro House, Aberdeen |
| Functional/Discipline Area | Engineering |
| Line Manager | Head of Engineering |

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| Objectives / Scope |
| <p>To provide technical advice and engineering solutions for the business.</p> <ul style="list-style-type: none"> • Technical solutions and designs from concept to manufacture. • Technical support for the sales and customer team. |

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| Main Responsibilities |
| <ul style="list-style-type: none"> • Liaise with the sales team and customers to advise and provide design solutions for their applications. <ul style="list-style-type: none"> ○ Evaluate and develop new products. ○ Produce documentation to support design verification, validation and safety requirements. ○ Produce drawings and manufacturing information for proposals and manufacturing purposes. ○ Control of cable manufacture ERP system. ○ Contact and technical liaison with suppliers for information on materials and technical data. ○ Assist with pricing of cable designs. • Provide engineering and technical advice to all internal departments. <ul style="list-style-type: none"> ○ Support operations and quality team to resolve manufacturing and testing issues. ○ Programming of test scripts for shop floor auto tester. ○ Attend and support internal / external meetings as required. • Provide technical support to the sales team to ensure that quotations, associated drawings and documents are in place aligned to the company quality policy and procedures. • Review and improve engineering department policies and procedures. • Any other appropriate tasks that may be required to support the wider business. • Health and safety. |

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- Report all accidents, incidents, near misses or unsafe situations to immediate line manager or member of the senior management team.
- Work to the required procedures and processes to meet the company target of zero LTI's. This includes all on-site visitors, clients and staff.
- Not interfere or misuse anything provided to meet a statutory requirement.
- Ensure that agreed training and operating plans are adhered to.

Skills base

HND in electrical engineering – Graduate position considered.

Excellent communication skills and effective team player.

Product design knowledge and expertise.

Proficient in AutoCAD, and analytical software tools.

Computer literate and proficient with Microsoft office.

Stakeholder management.

Excellent organization skills with an ability to develop creative solutions to problem areas in the business.

Ability to work under pressure and on own initiative at all times.