

JOB DESCRIPTION



Job Title: Apprentice Electrical Design Engineer	Location: Hunmanby
Department: Production Development	Contract: Permanent
Reports To: Production Development Manager	Direct Reports: N/A

1.0 Job Summary & Role

Deep Sea Electronics is one of the world's top manufacturers of generator controllers, auto transfer switch controllers, battery chargers and vehicle & off-highway controllers. We employ over 200 people across four continents and sell our products to 150 countries direct from our UK head office and through our comprehensive distributor network.

The successful candidate will join the production test development team, we are a small team who design and manufacture our product test equipment. As the business continues to grow, we have new products to design and develop on-site. Alongside this aspect we are always looking to improve and move the current products to the next level of testing to help support increased output through production.

This role will have a relevant apprentice programme provided running alongside – the successful candidate will be required to attend college one day per week. Following completion of the initial course further opportunities for academic development will be available for the candidate including opportunities up to degree level.

Training to be provided to achieve role requirements

2.0 Key Responsibilities & Main Duties

- Panel Wiring
- Installing wiring looms and testing of electrical circuits.
- Electronical fault finding.
- Understanding of electrical schematics.
- Understanding of mechanical drawings.
- Internal test equipment calibration.
- Understanding of pneumatic systems
- Understanding of basic hydraulic systems
- Adhering and working to health and safety legislations
- Adherence to company policies and procedures
- Maintaining a clean, organised and productive work area
- Complete given tasks in an efficient, fast and friendly manner
- Production support for when test equipment need maintenance.



JOB DESCRIPTION



- Liaising with other electrical design engineers in our team to assist in wiring test fixture and test equipment.
- Report back to production line managers
- Support with test equipment breakdown
- Agreed duties as and when required to ensure the smooth running of the production area

3.0 Internal & External Relationships

- Liaising with team of electrical design engineers
- Production team including management and operators.

4.0 Key Performance Indicators

- Ability to successfully complete tasks within the set timeframes
- Optimum use of working time through effective time management and communications.
- Responsiveness
- Quality of work undertaken
- Efficiency of work undertaken
- Reducing inventory
- Compliance

5.0 Essential/Desirable Factors

Knowledge	
Essential: <ul style="list-style-type: none"> • Strong numerical and analytical skills • Proficiency in Microsoft Office, particularly Excel 	Desirable: <ul style="list-style-type: none"> • Working in a fast-paced manufacturing environment • Capable of working under minimum supervision, to achieve set targets and timeframes.
Skills & Attributes	
Essential: <ul style="list-style-type: none"> • Demonstrate a positive and enthusiastic attitude. • Ability to operate under own initiative as well as possessing strong team working skills. • Communication Skills 	Desirable: <ul style="list-style-type: none"> • Methodical approach to problem solving. • High concentration levels and attention to detail • Proactive thinking • Analytical • Good Soft Skills
Experience	
Essential: <ul style="list-style-type: none"> • No prior engineering experience required 	Desirable: <ul style="list-style-type: none"> • Electronics manufacturing experience



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	<ul style="list-style-type: none">• experience working in a similar panel wiring or electrical installation role
Qualifications	
Essential: <ul style="list-style-type: none">• Maths & English GCSE or equivalent	Desirable: <ul style="list-style-type: none">• Relevant engineering education and/or training

Created by	Dated Created
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