

JOB DESCRIPTION & PERSON SPECIFICATION



Job Title: Production Engineer	Location: Hunmanby
Department: Operations	Contract: Permanent / Full-time
Reports To: Operations Manager	Direct Reports: N/A

1.0 Job Summary & Role

Deep Sea Electronics is a global leader in the design and manufacture of generator controllers, automatic transfer switch controllers, battery chargers, and vehicle and off-highway control systems. With over 200 employees across four continents, we supply our products to customers in more than 150 countries, both directly from our UK head office and through a well-established international distributor network.

As part of our Operations team, the Production Engineer will play a key role in driving efficiency and continuous improvement across our manufacturing processes. You will identify opportunities to reduce waste and eliminate inefficiencies, applying Lean tools and techniques to develop streamlined systems that effectively integrate people, materials, machines, information, and energy.

In this role, you will also support CAPEX projects and wider site initiatives, contributing to the ongoing development of our operations.

The Production Engineer is responsible for designing, optimising, and overseeing production processes to ensure they are safe, efficient, and cost-effective. With a strong focus on quality, safety, and performance, you will be instrumental in enhancing our production capabilities and delivering operational excellence.

2.0 Key Responsibilities & Main Duties

- Designing and implementing production processes to optimize work flow and reduce waste whilst improving safety and reliability in conjunction with others
- Analysing Production Data to identify inefficiencies and implement corrective measures
- Applying new technologies and methodologies in manufacturing practices to increase efficiency and reduce waste
- Investigating and troubleshooting any problems that arise with process, machinery and equipment
- Maintaining and calibrating technical equipment to ensure optimum performance
- Ensuring compliance with health and safety and environmental regulations
- Developing budgets, cost analysis and project schedules to align with Operational goals
- Collaborating with cross functional teams such as Quality, Maintenance and Engineering departments
- Coordinating with other Engineers and suppliers to solve Quality problems
- Develop specifications, SOPs with colleagues
- Ensuring all production equipment complies with safety standards and regulations



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- Training and supervising team members in the use of new production processes and equipment, safety procedures and process improvements

3.0 Internal & External Relationships

- Internal: Production, Health and Safety responsible (Birds Triangle, Green Cross, Near Misses, COSHH Register, RAMS), Quality (PPAP, ICAR, Scrap Reports, Rework Report), R&D (NPI, Controlled Batches), & Maintenance (MTBF, MTTR, TPM)
- External: Contractors (RAMS, Management), Subcontractors (Audits), Suppliers (Audits, SRM), Customers (VoC)

4.0 Key Performance Indicators

- Contributes to an OEE > 80% (OEE= Overall Equipment Effectiveness) • Contributes to OTDC > 98% (OTDC = On Time Delivery to Customer)
- Participates in 5 Blitz Kaizens and 5 Kaizen Projects / annum
- Contributes to the Improvement of DLP by 3% per annum (DLP=Direct Labour Productivity)
- Contributes to the Improvement PLT by 5% per annum (PLT=Production Lead Time)

5.0 Essential/Desirable Factors

Knowledge	
Essential: • LEAN – 6 Sigma techniques and methodologies • Excel – advanced • MRP/ERP	Desirable: • SAP/Epicor • VSM • Financial Management
Skills & Attributes	
Essential: • Good, practical 'Hands On' approach • Organised, Analytical • Good Soft Skills • Good, Teamworking skills	Desirable: • Works well in a pressured environment
Experience	
Essential: • Worked in a production environment (preferably electronics based) as an engineer for at least 5 years	Desirable: • Electronics Engineering Background
Qualifications	
Essential: • Black / Green Belt or relevant similar experience in Production Improvement Methodologies	Desirable: • Industrial / Process / Methods Engineer • IOSH Training



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