JOB DESCRIPTION & PERSON SPECIFICATION

Job Title: Embedded Team Manager	**Location:** Hunmanby / Mansfield
Department: Engineering	**Contract:** Permanent
Reports To: Senior Engineering Manager	**Direct Reports: None**

1.0   Job Summary & Role

The Embedded Team Manager will work within the Engineering department based at our site in Hunmanby. They will perform a hands-on role within the matrixed engineering team to line manage a subset of the engineering team in the delivery of new product developments and the maintenance of existing.

2.0   Key Responsibilities & Main Duties

- Line management of a segment of DSE engineering team. Engineers are located at both the North Yorkshire and Sutton in Ashfield sites with some remote and hybrid working in place

- Line management includes day to day task management, 1:1 appraisal, goal setting, creating, and guiding personal development plans, holiday approval and sickness review

- Work collaboratively with the Project Mangers to review the technical content of projects, define and estimate the duration of tasks to form project plans, assist in making sure project plans are technically correct and appropriate timescales are being worked to

- Work with Project to allocate engineering work tasks to the reporting segment, using JIRA or similar tool for task management

- Provide technical guidance and be a mentor to junior engineers

- Review and be responsibility for engineering work to ensure a high standard of output from the reporting segment

- Ensure the engineers have the necessary skills, knowledge, and tools to complete the tasks. Work with the engineering management team to address gaps as necessary

- Work at the project inception stage to provide product and project costs estimates, feasibility studies and ensure that high level technical requirements are capture completely prior to wider engineering involvement

- Be a technical decision maker and contribute to platforms and architecture strategy

- Assist in the development of in-house tools and process

- Support the wider company be answering technical questions

- Administration and maintenance of engineering systems, revision and variant control systems, issue management systems

- Work with other supervisors and engineering managers to ensure alignment on technology, processes, designs and testing

- Review department KPIs to ensure targets are being hit.

- Depending on size of team, work hands on as an engineer for the relevant discipline

3.0   Internal & External Relationships

Project Managers – assign resource, review project plans, specifications, assist with project delivery

Technical Support – assist technical support with customer queries, delegate to the engineering team as required

Product Management – support during project inception stage and assist in requirements capture and project estimates

Customers – occasional customer interaction may be required in calls, meetings or traveling to undertake customer visits

4.0   Key Performance Indicators

- Lead a segment of the engineering to successful deliver quality engineering solutions that meet business's needs

- Individual and promoted professionalism

- Personal development of direct reports

- Ability to communicate technical issues to wider audience with clarity and precision

- Ability to make and direct decision making and empowerment of the wider team

- Grow application knowledge for industrial control systems

5.0   Essential/Desirable Factors

Knowledge	
Essential:	**Desirable:**
- Expert in C/C++ for embedded systems - An appreciation of the power generation industry and control solutions - Understanding of product development and managing multi discipline teams - Software development life cycles, tools and processes - Verification and validation techniques and for both hardware and software to relevant industry standards - A functional safety standard such as ISO 26262, 61508 or IEC 60730	- Cyber security standard 62443 - Exposure to off highway and mobile industry. - CE, FCC, E11, PTCRB and other regulatory approvals - Good understanding of PCB design, layout and manufacturing process
Skills & Attributes	
Essential:	- **Desirable:**
- Excellent written and verbal communication skills - Familiar with combined stage gated (waterfall) / agile development approaches	

• Risk identification and mitigation techniques, relating to the determination of functional safety levels • Comfortable communicating with technical engineers • Excellent project leader with problem-solving and trouble-shooting capabilities • Enthusiastic and optimistic	
Experience	
Essential: • Proven experience in leading new product design, development, and production • Experience working with engineering project management • Working knowledge of ERP systems • Used to working in a high-paced environment	**Desirable:** • Atlassian tools, JIRA and Confluence. • Smartsheet's for project management • SharePoint
Qualifications	
Essential: • Relevant Degree level education	**Desirable:**

Created by	Dated Created
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