

Job Title:	Product Sustaining Engineer	Position Type:	Full Time
Location:	Laughton, East Sussex	Travel Required:	5%
HR Contact:	personnel@quorumtech.com	Date posted:	February 2019
Job Description			
<p>PURPOSE OF JOB</p> <p>Quorum Technologies are currently recruiting for a Product Sustaining Engineer, reporting in to the Operations Director. This is an exciting opening to join a progressive Scientific Instrument manufacturing company. Quorum Technologies is a commercially driven environment, with emphasis on delivering high quality and value for money products to our global customer base. You will be working with a highly skilled and motivated team that is keen on developing best practice design and manufacturing techniques.</p>			
<p>ROLE AND RESPONSIBILITIES</p> <ul style="list-style-type: none"> • The main objective of the role will be to manage the ongoing design of all released product from the Design Engineering team (i.e. have 'Design Responsibility' for all products released into full production). • To provide support to Production for product owned by Operations in order to resolve test failures, whether caused through product build, test equipment or design problems, so as to secure delivery schedules and make permanent changes. • Work with members of the design team to ensure that products are optimised for sustainable manufacture. • To provide Customer Technical Support for product owned by Operations and maintain records of associated activity on the appropriate database. • To assist the Service Team in the repair of Sustainment product returns ensuring associated databases are kept updated, including providing technical support and debugging skills as necessary and product training when the need arises. • To resource general product Sustainment Activities on product owned by Operations to retain price margins and manufacturing capabilities including designing out obsolescence. • To maintain design database and supporting data on products owned by Operations so product baseline designs are controlled for consistent manufacture or subsequent update. • Work with Suppliers and internal Operations and Engineering teams to ensure that components meet all design requirements across their life time. • Propose improvements to designs and update product documentation through the Design ECR process. • Ensure components and assemblies continue to adhere to applicable industry regulations and business standards. • Develop strong relationships with key stakeholders within the engineering team and provide full support for any identified project activities / requirements. • Report status and project metrics to Senior Management and fostering a cross-functional approach to achieve your objectives. • Engaging with Engineering so that you are seen as a key decision-maker and able to exert influence. • Assist the Operations team in reaching the correct 'make or buy' decisions. • Carry out other reasonable tasks as required by Management. 			
<p>QUALIFICATIONS AND EDUCATION REQUIREMENTS</p> <ul style="list-style-type: none"> • Relevant HNC or Degree in Mechanical Engineering or a related field. <p>Note: More than 5 years relevant experience would also be considered in lieu of a formal qualification.</p>			

REQUIRED EXPERIENCE

The successful candidate must be able to demonstrate that they have:

- A sound Mechanical Engineering background and knowledge of low volume manufacturing techniques.
- Experience gained within an electro-mechanical manufacturing business.
- Experience using SolidWorks/EPDM part & assembly modelling tools to update designs (2D & 3D modelling).
- Experience of designing products to EN standards.
- Knowledge of product testing including EMC, reliability and LVD.

PREFERRED EXPERIENCE

While not essential, the following experience would be a distinct advantage:

- Knowledge and expertise in instrumentation & vacuum applications and design an advantage.
- Experience of vacuum deposition applications.
- Experienced in performing effective DFMEAs & PFMEAs.
- Experienced in the use of Problem-Solving techniques (e.g. 8D analysis) to ensure that the root causes of issues are found and acted upon.

REQUIRED SKILLS

- Excellent written and oral communication and presentation skills in English.
- Strong communicator / influencer.
- Strong analytical skills.
- Excellent planning and organising skills.
- Computer literate (MS Office, SolidWorks and ERP/MRP systems).
- Strong time management and prioritisation capabilities.
- Hands-on approach and demonstrated ability to influence others without having direct authority.
- Willingness to work under pressure and to deadlines.

REPORTS TO:

Operations Director

LINES OF COMMUNICATION TO:

Sales, Service, Operations, Engineering, Customers and Suppliers.

ADDITIONAL NOTES

NA