

Job Description

Job Title:	Sustaining Engineer	Position Type:	Full-time
Location:	Judges House, Laughton	Travel Required:	10% (mainly between sites)
HR Contact:	personnel@quorumtech.com	Date posted:	October 25, 2023

MAIN PURPOSE OF JOB

The position is a site-based engineering role, completing sustaining activities within operations for Quorum EM sample preparation products. In addition, supporting activities on new products when required. The job will be based at the Laughton manufacturing site and will require minimal UK travel mainly between our manufacturing sites in Laughton and Lewes.

RELATIONSHIPS

Reports to:

Engineering team leader

Responsible for:

N/A

Interacts with:

Workload and priorities set by operations; role requires proactive interaction with all departments as required by activities.

ROLE AND RESPONSIBILITIES

Actioning of product sustaining activities for legacy products, both proactive and reactive, driven by Quorums' engineering change process. Although directly reporting into engineering the role will report into operations for priority setting and progress guidance. Focused in areas such as quality improvements, cost saving initiatives and manufacturing efficiencies. Duties include CAD design, problem solving, prototyping, testing and implementation of manufacturing changes to all legacy products. Ability to flexibly respond to needs of the business whilst driving activities to completion and collaborating closely with stakeholders. Delivering to conclusion assigned ECN's will require a process driven approach, with appropriate decision making, creativity, accuracy, problem solving and task management skills.

The above is not an exhaustive list of duties and you will be expected to perform different tasks as necessitated by your changing role within the organisation and the overall business objectives of the organisation.

PERFORMANCE MEASUREMENT

- Create/edit parts and assembly drawings for manufacture with associated BOMS and routings (Internal training will be given on use of relevant company systems).
- Implement changes in a timely manner and to manufacturing driven priorities.
- Ensure that changes to products comply with the required regulatory standards and create/modify associated product and project documentation as necessary.

- Create and capture engineering design and manufacturing documentation throughout the entire EC cycle as assigned.
- Design analysis, including theoretical and practical evaluation.
- In collaboration with manufacturing engineering oversee the implementation of changes, including prototyping, testing and qualification of any design changes.
- Generate and execute meaningful test plans and ensure existence of credible evidence for decision making.
- Report on progress and performance against agreed KPI's, frequency defined by the business.
- Participate in engineering change steering group activities in a positive and collaborative manner.
- Collaborate professionally and proactively with areas of the business as required.
- Maintain own personal professional development.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

HND, Degree or equivalent in an engineering discipline.

Required Experience and Skills

The successful candidate must have:

Ability to cope with rapidly changing demands on time and prioritise jobs according to urgency.

Excellent communication skills, the ability to challenge and question while maintaining positive relationships.

Understanding of manufacturing tools and techniques.

Proficient in the use of CAD tools, preferably Solidworks; willingness to transfer knowledge from similar package will be considered.

Knowledge in the use of ECN process to facilitate and record change activities.

Preferred Experience and Skills

Knowledge of technologies based within the activities of the business such as, vacuum, thin film material coating and cryogenics.

Strong analytical and computer skills, especially SolidWorks and PDM.

Demonstrable experience in DfM & DfA.

Additional notes:

This role includes local and possibly overseas travel. Valid driving licence and passport required. Intention to obtain will also be considered.

Activities within manufacturing environment require the ability to sit/stand for long periods as required.

Assisting with moving, packing and unpacking products will require bending, lifting and carrying of heavy equipment.

The role includes entering areas deemed to be of heightened health and safety monitoring, use of protective equipment must be adhered to.