

Job Title: Manufacturing Engineer	Job Code:
Department: Operations	Reports To: Operations Manager
Revision Date: 10/27/2017	Status: Exempt

Job Summary: Responsible for supporting production, lean activities, and new product introduction. The Manufacturing Engineer also provides support of products in production, including activities such as troubleshooting and characterizing systemic failures, maintaining product documentation, and implementing manufacturability improvements. The successful Manufacturing Engineer will be a high-energy contributor who takes the initiative to ensure our manufactured parts are world class, and that our manufacturing processes are both effective and continuously improve efficiency.

Duties and Responsibilities

- Development and documentation of process plans for manufactured components
- Implementation of new equipment and processes
- Be involved in all Continuous Improvement/Lean Manufacturing initiatives (Lead Kaizen events in areas of 5S, TPM, Standard Work, Set-up Reduction/SMED, etc.) (Get involved with daily lean activities of improving quality, cost, delivery and safety metrics)
- Assures product and process quality by designing testing methods; testing finished- product and process capabilities; establishing standards; confirming manufacturing processes.
- Provides manufacturing decision-making information by calculating production, labor, and material costs; reviewing production schedules; estimating future requirements.
- Able to lead and complete projects in assigned work areas.
- Coordinate with other departments to complete projects in assigned areas.
- Ensure that assigned manufacturing processes are compliant with government regulations and defined requirements.
- Keep engineering management informed of the status of project activities through timely reports.
- Create, document, develop and implement procedures used to manufacture, assemble and/or test products in assigned work areas.
- Learn about new technologies and manufacturing approaches. Able to propose improvements to fabrication processes and systems.
- Basic knowledge of ERP systems and management systems.
- Ensure company policies, work rules, and processes are followed on all assigned processes.
- Consistently demonstrates commitment to Hexagon Composites' values of Integrity and Drive in all aspects of employment.
- Work assignments carried out to the highest quality level.
- Perform various other duties and activities as assigned by supervisor within the physical constraints of the job.

Knowledge, Skills and Abilities

- Must be proficient in MS Office
- Familiarity with Engineering documentation standards, ability to read and interpret basic engineering drawings and specifications
- Working knowledge of SolidWorks (??)
- Awareness of design parameters in terms of criticality of product performance for assigned areas.
- Working knowledge of technologies and approaches to improve manufacturing operations.
- Ability to communicate with vendors and support communications with customers to meet company goals.
- Strong problem-solving skills and ability to determine root causes.
- Ability to clearly communicate when coordinating projects with other departments.

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as required to meet the ongoing needs of the organization.

- Fluent in the use of Excel in the generation of charts, graphs and simple data analysis

Credentials and Experience

- A bachelor's degree from an ABET accredited university in mechanical, manufacturing, industrial or civil engineering. A master's degree is preferred.
- 5 years of related experience in composites manufacturing and testing, preferred.
- A minimum of 2 years in engineering practice.
- Must be United States citizen, lawful permanent resident or otherwise eligible to work in the United States

Other Skills/Abilities or Special Requirements

- Willingness to obtain additional training in areas critical to the Manufacturing Engineering function.
- Self-motivated.
- Able to work independently to complete individual tasks assigned by a team.
- Must be analytical, observant, focused, and detail orientated
- Excellent organizational skills.
- Ability to communicate effectively, in English, with oral and written communication
- Ability to work demanding hours, as necessary, to meet project deadlines.
- Must exercise initiative or, as directed, perform additional duties to meet the needs of the organization.
- Travel up to 10% of the time may be required.

Apply:

- Internal Applicants: Complete an internal application and submit to Human Resources
- External Applicants: Email your resume to apply@masterworkscs.com

or

Mail your resume to: MasterWorks, Inc.
Attn: Human Resources
86 York Street, Suite 4
Taneytown, MD 21787

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