

MORTON MANUFACTURING

"Quality Aerospace Fasteners"



JOB DESCRIPTION	
Job Title: Manufacturing Engineer	Reports to: Director of Manufacturing
Department: Manufacturing	FLSA: Salary
Approved by: Human Resources Manager	

Position Overview

Develops and implements optimal, cost-effective manufacturing processes and methods in accordance with product specifications and quality standards. Recommends and implements improvements to production processes, methods and controls. Coordinates manufacturing launch for new or revised product. Priorities include process improvement, problem resolution, project management and employee training.

Essential Job Functions and Responsibilities

- Provide hands-on engineering support to troubleshoot and resolve technical problems in production.
- Create and maintain process work instructions, fixture drawings, and train manufacturing associates.
- Research and identify new manufacturing technologies.
- Evaluates manufacturing processes by designing and conducting research programs; applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators.
- Develops manufacturing processes by studying product requirements; researching, designing, modifying and testing manufacturing methods and equipment conferring with equipment vendors.
- Improves manufacturing efficiency by analyzing and planning work flow, space requirements, and equipment layout.
- Completes design and development projects by training and guiding technicians.
- Provides manufacturing engineering information by answering questions and request.
- Assures product and process quality by designing testing methods, testing finished product and process capabilities; establishing standards; confirming manufacturing processes.
- Develops experiments by applying full and fractional factorial techniques.
- Develops sampling plans by applying attribute, variable, and sequential sampling methods.

Scope

- This position reports to the Director of Manufacturing and does not have direct reports.

Requirements / Qualifications

- BS Engineering (manufacturing, mechanical, material science, or metallurgical preferred).

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Preferred Qualifications

- 1 year of hands on experience in production environment troubleshooting technical problems and implementing process environments.
- Experience working with high nickel based steel alloys used in manufacturing aerospace components a plus.

Physical Requirements

- While performing these job duties the employee is required to occasionally walk, use hands to finger, handle, feel or operate objects, tools or controls, and reach with hands and arms. The employee is occasionally required to sit, climb or balance; stoop, kneel, crouch or crawl; lifting.

Work Environment

- Work is performed in office and production floor settings. Hand-eye coordination is necessary to operate drafting instruments, computers, and various piece of equipment.

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

ADA Statement

The Company is committed to providing reasonable accommodations for persons with disabilities upon request of the individual. Individuals with disabilities requiring an accommodation should contact the Human Resources Department

EQUAL EMPLOYMENT OPPORTUNITY STATEMENT

It is the policy of the Company to afford equal employment opportunity to all individuals, regardless of race, creed, color, religion, gender, national origin, ancestry, age, marital status, veteran status, disability, medical condition (as defined by California Government Code section 12929), gender identity or sexual orientation.

The Company's commitment to equal opportunity is applied through every aspect of the employment relationship, including, but not limited to, recruitment, selection, placement, training, compensation, promotion, transfer, termination, and all other matters of employment.

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The above statements describe the general nature and level of work being performed by people assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, and skills required by employees in this position. Employees are expected to be flexible and responsive to changes in the scope of their duties. Furthermore, they do not establish a contract for employment and are subject to change at the discretion of the company. All employees are expected to be familiar with and adhere to Morton Manufacturing Personnel Policies & Procedures.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Acknowledged and Received:

Printed Name

Date

Employee Signature