Morton Manufacturing



"Quality Aerospace Fasteners"

JOB DESCRIPTION			
Job Title: Lab Tech Level II Metallographer	Reports to: VP Quality		
Department: Laboratory		FLSA: Hourly	
Approved by: Human Resources			

Position Overview

Lab Technician should be proficient in laboratory testing. These duties should include the preparation of samples for test along with being able to competently perform the actual test. The Lab Tech should be knowledgeable of general lab procedures and an expert in procedures in which they are certified to perform testing. The Lab Tech should also be capable of performing some equipment preventative and lab cleanliness duties.

Essential Job Functions and Responsibilities

- Perform laboratory tests on various products using equipment for which employee has been trained and certified.
- Capability to read and understand instructions, procedures, routing sheets and other required documentation.
- Follow instructions and procedures to ensure that quality of work is met.
- Processes paperwork and ensures that routing sheets are complete and accurate. Maintains
 integrity of the product with its lot number so that no mixing of product occurs.
- Uses measuring instruments such as calipers, micrometers, and other devices to verify specifications of product.
- Uses mathematical skills as required to perform calculation necessary to the performance of required lab test.
- Has a positive and readily volunteer's assistance and seeks training opportunities.
- This position reports to Laboratory Manager does not have direct reports.

Requirements / Qualifications

- 18 years of age or older.
- High School diploma or GED.
- Employee must show an aptitude for lab work. A willingness to perform the physical functions required; handling parts and machinery.
- Mathematical skills i.e.: basics math, algebra and geometry.
- Basic reading skills of English at a level sufficient to read work orders, operating instructions, company policies and safety rules.

Preferred Qualifications Metallographer

- To conducts microscopic, macroscopic examinations, and other tests on fastener samples of metals and alloys for purposes of metallurgical control.
- The metallographer will determine conformance of products to specification requirements or in developing new or improved shop processes and production methods.
- Directs laboratory personnel in preparing of samples, such as polishing or etching, and designates area of sample where microscopic or macroscopic examination is to be made.

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- Performs microscopic examinations on samples to determine metal characteristics, such as crystal structure, porosity, grain size and homogeneity
- Interprets findings and writes reports regarding findings, conclusions, and recommendations.

Physical Requirements

Employee is required to stand and sit for long periods of time. Must be able to walk and lift or carry parts or other items weighing up to 40 pounds throughout the lab. Uses arms, hands, and fingers to operate measuring tools, computer and other equipment. Must have near vision to read, focus and make adjustments in performance duties. Must be examined and pass vision test.

Work Environment

Primary work is done under laboratory conditions in a clean and climate controlled environment.
 Noise level is low to moderate. Employee may be exposed to chemicals, moving machinery or equipment requiring the use of personal protective 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.

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				

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