

**Position**

Mechanical Inspector

**POSITION SUMMARY**

Perform production inspections throughout the production process, use of precision measuring equipment, review paperwork for accuracy, and communicate within department and other departments to produce a final product meeting customer's requirements.

**Primary Duties and Responsibilities**

*Other duties and responsibilities may be assigned*

- Surface Plate inspection using mechanical inspection practices utilizing various measuring instruments and gauges
- CMM operation and programming
- Perform visual inspection of surface finishes to verify conformance to standards and specification requirements.
- Welding inspection per industry and print requirements
- Maintain production efficiency levels by quickly and accurately processing product and inspections through process
- Determine most efficient inspection source methods
- Collect and provide data for inspections through process and customer Final Inspection Reports and Customer Inspection Packets
- Provide inspection guidance to others in all departments
- Complete traveler and timesheet fully and accurately
- Work with minimal supervision
- Generate discrepant material reports and other quality reports as required
- Participation in Material Review Board actions and customer returns
- Willingness and ability to adapt to changing priorities
- Perform roving in-process in inspections on manufacturing floor
- Communicate, support and reinforce the values of the organization professionally
- Work in a team environment and be supportive of all company initiatives
- Maintain a safe and organized work area

**Secondary Duties and Responsibilities**

- Under general or limited supervision, perform assembly, testing and operation of leak detector
- Various other duties related to document control and clean room activities
- Willing to work any shift
- Hydrostatic Testing
- Operate Leak Detector
- Part marking, labeling or identification of product

**JOB QUALIFICATION REQUIREMENTS****Minimum Qualifications**

- Must have the ability to follow inspection instructions and write detailed inspection reports

- Ability to apply good inspection techniques with minimum supervision
- Ability to read and interpret customer drawings and effectively apply Geometric Dimension & Tolerance
- Strong analytical and problem-solving skills
- Well-developed professional qualities (decisiveness, commitment, initiative, impact, energy and drive)
- The ability to communicate effectively to people in all levels of the organization and customers
- Experience with measuring equipment (e.g. optical comparator, calipers, load testers, hardness tester, gauges, helium leak detector, hydrostatic tester, etc.)

### **Physical Demands**

Must be able to stand, push, pull, reach and bend to the floor. Must be able to push up to 75 lbs. occasionally

### **Hearing Ability**

No special requirement.

### **Visual Acuity**

Near acuity and accommodation are required to read blueprints, set-up sheets, routers and scheduling board

### **Working Conditions**

Works in inspection room approximately 75% or more during the working day. While on the shop floor, may be subject to High levels of noise, physical hazards of moving equipment and machine parts and varying degrees in temperature.

### **Work Experience**

Must have more than 5 years of experience using inspection equipment

### **Equipment or Software**

- ISS
- CMM Zeiss Contura G2
- Optical Comparator
- Leak Detector Varian
- Precision MT&E
- Microsoft Office

### **Education**

- An AA in Machine Technology is desired
- High School Diploma or GED

### **Measurement on Performance**

- Attendance
- Ability to take direction
- Ability to identify and resolve problems
- Ability to learn new skills