



JOB DESCRIPTION

Job Title: Laser/Robotics Maintenance Technician **Revised Date:** 5/11/2022
Exemption Status: Non-Exempt **Department:** Maintenance

Job Specifications:

EDUCATION	Associates degree in Robotics and Automation, Mechatronics or applicable related field or equivalent experience
JOB RELATED EXPERIENCE	3-5 Years Maintenance experience, preferred
SUPERVISION GIVEN	None
SUPERVISION RECEIVED	Facilities Supervisor

Job Summary: The Laser/Robotics Maintenance Technician is responsible for conducting preventative maintenance, troubleshooting and repair on high tech. laser and robotics production machines and equipment.

Job Duties and Responsibilities include the following:

1. Performs a variety of types of preventative and routine maintenance and repairs, including electrical, mechanical and plumbing. Ensures that all equipment is functioning satisfactorily.
2. Support operation of CO2 and fiber optic laser equipment including head and mirror troubleshooting, repair and replacement and setup.
3. Arrange for and manage appropriate third-party contractor support, as needed for troubleshooting, repair and rebuilds of laser and robotic equipment.
4. Troubleshoot CNC controls/PLC's
5. Develop preventative maintenance programs and carry out plan for Laser and Robotic equipment.
6. Troubleshoot and maintain equipment electrical systems with the ability to read and understand complex electrical schematics.
7. Perform lockout-tagout procedures on all machines requiring maintenance.
8. Record production, repair, and machine maintenance information.
9. Participate in the selection and setup of new Laser and robotic equipment.
10. Conform to all safety procedures including lockout/tagout, hazard communications and all OSHA and ANSI standards.
11. Maintain the work area, machinery and tools in a neat, clean and orderly fashion.
12. Follow all safety procedures, rules and guidelines and notifies the HR & Safety Manager of any existing or potential safety issues.
13. Participate in and support continuous process improvement.

Other duties may be assigned that pertain to the classification.

Qualifications:

To perform this job successfully, an individual must be able to carry out each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Knowledge & Experience:

- 5 to 10 years of proven maintenance experience
- Strong electrical skills (110v, 220v, 480v)
- Thorough knowledge of fiber optic and CO2 laser equipment
- Ability to safely and effectively operate equipment
- Ability to read and interpret documents, e.g., drawings and schematics
- Ability to communicate orally or in written form effectively with personnel
- Certified forklift operator (preferred)
- Knowledge of metal manufacturing processes preferred

Physical Demands:

Frequent lifting of up to 50 lbs. Frequent kneeling, bending, stooping, squatting, pushing, pulling, walking, sitting and standing for 9 hours per day. Must have communicable range of hearing and sight with or without the use of aids. Requires exposure to a typical manufacturing area where environment is affected by outside temperatures and machine operation.