



JOB DESCRIPTION

Job Title: Manufacturing Engineer
Exemption Status: Exempt

Date: 3/18/2021
Department: Engineering

Job Specifications:

EDUCATION	4 Year degree in related field preferred
JOB RELATED EXPERIENCE	5+ years preferred
SUPERVISION GIVEN	Maintenance
SUPERVISION RECEIVED	Engineering/Quality Manager

Job Summary: The Manufacturing Engineer is responsible for the design, installation, maintenance and evaluation of manufacturing processes and equipment.

Job Duties and Responsibilities include the following:

1. Develop preventive maintenance plans and schedule and lead maintenance tasks.
2. Manage installation of new equipment and production lines, including schedule, construction, training, software, and process development.
3. Assist management in purchasing of new equipment decisions.
4. Thorough knowledge of CNC, production, and programming equipment.
5. Assist Design Engineers in building fixturing for production parts.
6. Design and build equipment for assisting in production including lifting devices, pallets and trays, and storage devices within the facility.
7. Continuously optimize production flow throughout the facility.
8. Manage construction and expansion projects.
9. Work with sales to develop processes and equipment for new projects.
10. Confer with management and sales staff regarding manufacturing capabilities and other considerations to facilitate production processes.
11. Design and create jigs and weld fixtures for repeat work, as needed.
12. Spec out and purchase production tooling. Maintain production tooling.
13. Prepare and maintain detailed guidelines to assist in quoting, such as calculating cycle times for laser and punching machines, tooling lists, bending formulas, and punching tonnage.
14. Provide leadership, role model participation necessary to facilitate 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:

- Minimum of 2 years' experience in the operation of CNC equipment. Should be supplemented with either 2 years of CAM programming experience or graduation from a CAD/CAM program.
- CAD 2- & 3-dimensional software and computer proficiency.
- Machine tooling and fixture design.
- Understanding of M&G code.
- Microsoft Office knowledge or experience is a plus.
- Quality orientation and high attention to detail.
- Ability to work with vendors, customers and employees.
- Excellent interpersonal and communication skills.
- Ability to perform problem analysis and problem resolution.
- Must have ability to perform mathematical calculations.
- Maintaining up-to-date working knowledge of the industry products and services.

Physical Demands:

While performing the duties of this job, walking, sitting, and standing are required. Must have communicable range of hearing and normal sight with or without the use of aids. Office work environment with some plant floor exposure.