



**Position Title:** Manufacturing Engineer

**Summary:**

This position is responsible for researching, designing, developing and improving manufacturing processes. This position reports to the Portland Plant Mgr. and is a Salaried- Exempt position.

**Essential Duties and Responsibilities:**

- Ability to prioritize and manage multiple projects.
- Overall responsibility for strategic Lean initiatives within the Portland facility.
- Support Quality initiatives as well as ISO requirements..
- Work closely with the Manufacturing Manager(s) to develop, coordinate and implement technical training for employees.
- Design and develop manufacturing processes for enhancements, product changes, and new products and related fixtures and tooling.
- Perform Root Cause analysis and Poke-Yoke (mistake proofing) implementation as needed.
- Develop, evaluate, improve and document manufacturing processes and implement process control techniques and procedures.
- Continually analyze manufacturing process flows for the enhancements of quality, cost reduction and throughput.
- Provide support to manufacturing operations to reduce scrap.
- Collaborate with design engineering regarding product tooling and design to ensure effective production methods.
- Recommend staffing requirements, production times and relative costs to provide data for operational decisions based on time studies..
- Provide engineering support in the production department to troubleshoot and resolve technical problems.
- Provide input and support for the ongoing Portland Plant layout(s) modifications and updates including working with the team on planning and designing manufacturing plant floor layouts to properly locate and co-ordinate equipment for efficient production.
- equipment for efficient production.
- Support company policies and procedures, goals and objectives and good manufacturing practices.

**Critical Skills:**

- Trustworthiness- We earn trust through honesty, integrity and reliability.
- Adaptable- The ability to maintain effectiveness in a changing environment.
- Approachable- We are open minded, friendly, engaging, understanding and empathetic; being comfortable engaging in challenging conversations.
- Curious- We improve the organization by seeking information and knowledge to continually grow and learn and reduce moments of uncertainty and ambiguity.

**Minimum Qualifications:**

- Bachelor's degree in Engineering or Engineering Technology with relevant experience (Mechanical, Manufacturing, Industrial or Electrical, etc) from an accredited college.with interest in Manufacturing.



- Minimum of 2 years experience in a manufacturing environment.
- Requires strong written and verbal communication skills, as well as interpersonal skills and creative problem solving ability.
- Knowledge of manufacturing concepts and the ability to grasp current technology quickly.
- Knowledge of materials, processes, machining, tolerances, blueprints and drawings.
- Ability to communicate with and understand the needs of internal and external customers.
- Preferred:
  - Experience and skills using Google and Microsoft computer products.
  - Experience preparing training documents.
  - Experience in preparing detailed cost benefit analysis that support potential projects.
  - Lean Manufacturing experience and thorough understanding of 5S methodology.

**Physical Requirements:**

- Prolonged periods standing.
- Prolonged periods sitting at a desk and working on a computer.
- Should be able to lift up to 35 pounds at times.

Joyce/Dayton Corp. is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of age, race, color, religion, gender, sexual orientation, national origin, disability, or veteran status.