



Manufacturing Engineer

Summary/Objective

The manufacturing engineer develops and implements optimal, cost-effective manufacturing processes and methods in accordance with product specifications and quality standards; recommends and implements improvements to production processes, methods and controls; coordinates manufacturing launch for new or revised products.

Essential Functions

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

1. Carries out process improvement, problem resolution, project management and employee training.
2. Improves manufacturing processes and methods for cost-reduction, quality improvement and efficiency.
3. Prepares and presents plans for the above and coordinate deployment including training of team members.
4. Assists management in improving a system of production control, standard operating procedures, safety, quality control and training.
5. Performs research, design and development of manufacturing processes including production flow, assembly methods and production equipment.
6. Design and install equipment. Optimize facility layouts, production lines, machine operations and network performance.
7. Coordinates the manufacturing launch of new/revised products including establishing goals, training team members and evaluating results.
8. Designs, develops, tests, sources, cost-justifies, and/or validates various tools, machinery and equipment for recommended manufacturing methods
9. Performs product/process analysis for cost reduction, quality improvement, and improved efficiency.
10. Resolve issues and delays in production.
11. Works with internal and external customers to ensure clear communication of processes, procedures and design improvements.
12. Train staff in new and existing processes.
13. Analyze and plan work force utilization, space requirements and workflow. Participate in design layout of equipment and workspace for maximum efficiency.

Competencies

1. Technical Capacity.
2. Problem Solving/Analysis.
3. Performance Management.
4. Leadership.
5. Communication Proficiency.