

Manufacturing Engineer: Manufacturing Engineer II

Designs and plans layout for such activities as machining, metal forming, plastics processing, welding and brazing, assembly, and materials handling. Adapts machine or equipment design to factory and production conditions. Plans for the arrangement of machines within plant facilities to ensure most efficient and productive layout. Plans sequence of operations and specifies procedures for the fabrication of tools and equipment and other functions that affect product performance. May incorporate inspection and test requirements into the production plan. Inspects performance of machinery, equipment, and tools to verify their efficiency, and investigates and initiates corrective action of problems and deficiencies to ensure product quality. Develops manufacturing processes that are applicable to statistical process control, and may develop those techniques. Provides guidance to Engineering regarding design concepts and specification requirements to best utilize equipment and manufacturing techniques.

Discretion/Latitude

Works under general supervision. Follows established procedures. Work is reviewed for soundness of technical judgment, overall adequacy and accuracy.

Knowledge, Skills and Abilities

Frequent use and application of basic technical standards, principles, theories, concepts and techniques.

Problem Solving

Provides solutions to a variety of technical problems of moderate scope and complexity.

Impact

Contributes to the completion of milestones associated with specific projects. Failure to achieve results or erroneous decisions or recommendations may cause delays in program schedules and may result in the allocation of additional resources.

Liaison

Primarily internal company contacts. Infrequent inter-organizational and outside customer contacts on routine matters.

Minimum Education and Experience

2-5+ years with BS in designated Engineering or related field.