1. Purpose of Position
   Involves determination of manufacturability of products and improved effectiveness and cost of production processes through determinations regarding: Methods, equipment, layout, workflow, time standards, capacity utilization, process/equipment improvements, and process control systems. May involve application of knowledge and methods for understanding physical phenomena to achieve specified characteristics and criteria for products and processes.

2. Key Responsibilities
   - Plans plant, office, and production facilities and equipment layouts; determines the most efficient sequence of operations and work flow; and establishes methods for maximum utilization of production facilities and personnel.
   - May establish or assist in establishing accident prevention measures and may plan and schedule training programs for personnel concerning all phases of production operations.
   - Conducts studies pertaining to cost control, cost reduction, inventory control, and production record systems. On the basis of these studies, develops and implements plans and programs for facility modifications and revisions to operating methods.
   - Follows standard practices and procedure in analyzing situations or data from which answers can be readily obtained.

3. Performance Metrics
   - Meet Key Project Targets
     - Financial objectives
     - Schedule objectives
     - Quality and Performance measures – cost reduction, yield
     - Achieve agreed upon cost reduction targets

4. Required Education and Skill
   - Bachelor of Science in Industrial Engineering
   - Track record of engineering accomplishment.
   - Demonstrated Project leadership (scope to implementation)
   - Results oriented with a high commitment level.