

Position	Engineer – Manufacturing Engineering
Department	Manufacturing Engineering (ME)
Location	Kharagpur
Reports to	Manager – Manufacturing Engineering

Role Objective

- To achieve production target through efficient process engineering
- Executes manufacturing engineering process flow and develops product models
- To achieve engineering documentation for manufacturing to support transition of projects to production

Responsibilities

- Executes project plan for prototype development for new product as per customer requirement and also implements the same
- Develops manufacturing Bills of Material (BOM), jigs, fixtures, template for metal cutting and gauges required for production as per set technical specification and confers with department supervisors and also modifies the same as per requirement
- Prepares Operation Method Sheet (OMS) and process sheet for structural fabrication, assembly, machining in discussion with the head of function
- Creates sub-assembly station or workcentres at shop floor through digital manufacturing process and also carries out work centre balancing for capacity optimization
- Executes item sourcing, raw material requirement as per the production plan
- Executes new or alternative process, implemented for process improvement and also makes deduction of excess materials in BOM based on system & physical analysis as a waste elimination process
- Reviews new and existing design for manufacturing process improvements considering cost reduction and quality improvement
- Executes documentation for every stage involved in Manufacturing Engineering activities and monitor work processes in order to assess completeness, accuracy and conformance to standards and technical specifications

Internal Interface
<ul style="list-style-type: none"> • All related internal departments

External Interface
<ul style="list-style-type: none"> • Vendors

Education
<ul style="list-style-type: none"> • B.E./B.Tech/Diploma in Mechanical

Experience
<ul style="list-style-type: none"> • 2-6 years of relevant experience in related industry

Functional Skills
<ul style="list-style-type: none"> • Understanding of heavy industry related products • Basic knowledge of ERP system • Production process understanding • ME Process understanding • Environment, Health & Safety understanding

Behavioural Skills
<ul style="list-style-type: none"> • Dynamic customer focus • Execution Excellence • Teamwork • Enduring Commitment & Initiative • Communication skills • Learning agility