

Job Description

Job Title: Senior Engineer/Assistant Manager	Status: Active
Department: Manufacturing Engineering	Location: Hosur

Experience

- B.E / M.E in Mechanical / Automobile / Industrial Engineering with 4–10 years of experience in gear manufacturing or precision machining industry.

ACCOUNTABILITIES & ACTIVITIES

- Assist in designing and optimizing manufacturing processes for gear production to improve efficiency and reduce costs.
- Support the selection, installation, and maintenance of manufacturing tools, jigs, fixtures, and equipment.
- Collaborate with production teams to troubleshoot manufacturing issues and implement corrective actions.
- Work closely with quality and maintenance teams to ensure manufacturing processes meet quality standards and comply with safety regulations.
- Collect and analyze production data to identify trends and areas for improvement. Prepare reports and presentations for management review.
- Participate in Lean Manufacturing initiatives, 5S activities, and Kaizen projects to enhance manufacturing operations.

ESSENTIAL/DESIRABLE REQUIREMENTS INCLUDING REQUIRED QUALIFICATIONS

- B.E / M.E in Mechanical / Automotive / Industrial Engineering .4–8 years of hands-on experience in **gear manufacturing processes** – hobbing, shaving, shaping, broaching, turning, and grinding.
- Hands-on experience in **CNC , CMC /HMC , gear machines machine operation and programming** for both **Fanuc** and **Siemens** control systems.
- Knowledge of **CAD/CAM tools (UG NX / Mastercam)** for toolpath generation and machining simulation.
- Understanding of **heat treatment, surface finishing, and gear inspection techniques**.
- Collaborate with suppliers, customers, and internal stakeholders to ensure timely delivery of projects and customer satisfaction.
- Experience in preparing process layouts, tool and fixture design, and work instruction documentation.
- Knowledge on the below machinery is an added advantage:
 - **Gleason Gear Hobbing Machines** (Genesis 130H / GP300 / P400 / P600 / PE800)
 - **Premier Gear Hobbing Machine** (PE250)
 - **Broaching Machines** (Protel 6T / Protel 10T / Cranebel 25T)
 - **Internal Grinding** (Morara / Voumard / PMT)
 - **Turning Centers** (Mazak SQT 250 / Mazak QTN 350)
 - **Machining Centers** (Mazak 4000 / Mazak 5800 / Mazak HCN6000)

DESIRABLE BEHAVIOURS

- **Analytical Thinking:** Ability to analyze manufacturing data and implement process improvements.
- **Problem-Solving:** Proactive in diagnosing root causes and driving permanent solutions to production issues.
- **Collaboration:** Works effectively with cross-functional teams including production, quality, and maintenance.
- **Adaptability:** Open to learning new technologies and evolving manufacturing methods.
- **Ownership:** Takes responsibility for tasks and drives continuous improvement initiatives.
- **Safety Conscious:** Committed to following safety protocols and promoting a safe work environment.