



PR/110357 | Senior Engineer- ME Casting

Job Information

Recruiter

JAC Recruitment India

Job ID

1599481

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

India

Salary

Negotiable, based on experience

Refreshed

June 26th, 2026 11:25

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Fluent

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Role Purpose

The role is responsible for supporting casting shop operations by driving process development, ensuring production stability, and implementing continuous improvement initiatives. The position plays a key role in automation, machine installation, process optimization, and project execution within die-casting operations. It also involves risk assessment, layout planning, and adherence to quality, safety, and environmental standards.

Key Responsibilities

- Develop, implement, and optimize casting processes, including HPDC (High Pressure Die Casting) and LPDC (Low Pressure Die Casting).
- Lead new product development (NPD) activities, including process validation and trial execution.
- Execute and manage automation projects such as spray robots, part extraction systems, conveyors, and auxiliary

equipment.

- Perform robot programming (teaching), cycle time optimization, troubleshooting, and ensure synchronization with casting machines.
- Prepare and maintain process documentation including SOPs, process sheets, control plans, commissioning reports, and other technical records.
- Conduct process risk assessments (PFMEA) and implement mitigation actions.
- Ensure compliance with safety, environmental, and quality standards across casting operations.
- Support production teams in achieving targets through process improvements and root cause analysis.
- Drive continuous improvement initiatives for productivity, quality, and cost optimization.
- Coordinate with cross-functional teams for project planning, execution, and layout design.

Required Knowledge & Skills

- Strong understanding of HPDC & LPDC casting processes
- Expertise in process development, validation, and optimization
- Hands-on experience with industrial automation and robotics
- Knowledge of PLC/HMI systems and troubleshooting
- Proficiency in robot teaching and system integration
- Experience in process risk assessment (PFMEA)
- Skills in plant layout planning and project execution
- Working knowledge of CAD/AutoCAD
- Proficient in MS Office tools (Excel, PowerPoint, Outlook, Teams)
- Strong analytical, problem-solving, and communication skills

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Company Description