

Bahasan S. K.

Colachel, Kanyakumari | +91-9698751093 | bahasan68@gmail.com

PROFESSIONAL SUMMARY

Results-driven Mechanical Engineer with hands-on experience in maintenance engineering, mechanical supervision, and construction site coordination. Skilled in preventive maintenance, equipment reliability, mechanical system troubleshooting, and documentation under ISO 9001 standards. Strong technical foundation in CAD tools, mechanical design principles, manufacturing processes, and team leadership. Committed to improving system efficiency, reducing downtime, and supporting engineering projects from planning to execution.

CORE COMPETENCIES

Mechanical Engineering: Preventive Maintenance, Mechanical Systems, Equipment Inspection, Root Cause Analysis, Technical Reporting, Industrial Safety

Design & Analysis: AutoCAD, Mechanical Drafting, GD&T

Manufacturing & Maintenance: Production Support, Assembly Processes, Machine Monitoring, Maintenance Scheduling, Quality Control (ISO 9001:2005), Process Improvement

Soft Skills: Leadership, Problem Solving, Team Collaboration, Communication, Adaptability, Time Management

PROFESSIONAL EXPERIENCE

Maintenance Supervisor

Indian Rare Earth Limited (Subcontract under Jayakumar) — Manavalakurichi, Kanyakumari

Oct 2023 – Present

- Conducted routine mechanical inspections to detect faults early and improve equipment reliability.
- Developed and implemented monthly preventive maintenance schedules, reducing unplanned downtime.

- Led and coordinated maintenance teams, ensuring efficient task allocation and on-time completion.
- Maintained detailed maintenance documentation to support audits, safety compliance, and ISO standards.
- Troubleshooting mechanical issues and assisting in repair planning to sustain uninterrupted plant operations.

Construction Site Supervisor

G. S. Construction — Colachel, Kanyakumari

Aug 2021 – Oct 2023

- Supervised day-to-day site activities, ensuring safety compliance and adherence to project timelines.
- Monitored workforce performance and optimized task distribution to maintain productivity.
- Coordinated materials procurement, tracked inventory, and supported onsite logistics.
- Enforced quality and safety standards to achieve smooth execution of construction operations.

Mechanical Supervisor

Zetek Casting Pvt. Ltd. — Oragadam, Chennai

Jan 2019 – Jun 2019

- Supported mechanical maintenance for production machinery to ensure continuous manufacturing operations.
 - Prepared mechanical reports, work logs, and performance data for engineering evaluations.
 - Assisted in diagnosing faults, performing minor repairs, and monitoring machine performance.
 - Collaborated with production teams to maintain workflow efficiency and reduce mechanical interruptions.
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EDUCATION

Bachelor of Engineering (Mechanical Engineering)
Madurai, Tamil Nadu – 2015–2019

CERTIFICATIONS

- ISO 9001:2005 (Quality Management System)
 - Lean Six Sigma
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ADDITIONAL INFORMATION

Languages: English, Tamil
Availability: Immediate