



ARUN K

MECHANICAL ENGINEER

EDUCATION

- 1) BACHELOR OF ENGINEERING IN MECHANICAL – 63 %
PASSED OUT YEAR 2018, LOYOLA INSTITUTE OF TECHNOLOGY,
CHENNAI, INDIA.
- 2) HIGHER SECONDARY SCHOOL – 60% YEAR OF PASSING 2014,
NAGERCOIL, INDIA.
- 3) SECONDARY SCHOOL – 88% YEAR OF PASSING 2012,
NAGERCOIL, INDIA.

WORK EXPERIENCE

• MAINTENANCE ENGINEER

Website: <https://www.gri.com.es/en> SEP 2022 – AUG 2023
GRI TOWERS INDIA PRIVATE LIMITED. NELLORE, AP

• Jr. ENGINEER

Website: <https://www.waterbaseindia.com/> JUN 2018 – AUG 2022
THE WATERBASE LIMITED. NELLORE, AP

DUTIES AND RESPONSIBILITIES

- Ensure that all preventive maintenance work is done as per planned.
- Ensure that all breakdown maintenance work is resolved in minimum time to avoid production loss. Ensure that team members adhering to the set objective.
- Track all maintenance issues related to SAP requirements and ensure adherence.
- Perform other tasks consistent with the requirements for exercise of the function.
- Raising PR, follow up PO from purchase department & in SAP, PM schedule, Reservation of materials, Breakdown entry, order creating, store stock follow up.
- LOTO procedure and work permit receiving.
- Strictly following the preventive maintenance and checklists for monthly, quarterly, half-yearly & annually.
- Respect safety standards and use of PPE.
- In case of any environmental incident or major human error immediately report to EHS coordinators & concern authority.
- Responsible for installing and inspecting various equipment's.
- Maintain work log and documents. Perform routine maintenance.
- Responsible for carrying out all work in accordance with the established safety standards.
- Diagnosed malfunctions and scheduled repairs or replacements.

CONTACT

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PROFILE

A reliable and dedicated candidate with a professional experience for nearly 5 years in facing breakdowns and reducing the major breakdowns as preventive maintenance, prediction maintenance. Skilled at planned works, reducing power consumption, time management and updating documents. In addition to this I have a good knowledge in process planning for the company, Planning & Engineering development for more production in low expenses. Seeking a position in your organization aiming to build a decent career and test my limits.

TECHNICAL SKILLS

- Estimations for machine installing
- Up-to-date technical knowledge, leadership, interpersonal, critical reasoning, creativity, innovation, enthusiasm, attention to detail, resilience.
- Excellent communication and negotiation
- Sensitive information handling, Planning maintenance operations
- scheduling, time management
- Keep track and report on activities, Follow BOM (Bill of Materials)

PROJECTS HANDLED

- Evaluation of Mahua oil prepared by two step transesterifications for performance and emission characteristics. American Journal of Engineering Research (AJER) e-ISSN: 2320-0847 P-ISSN: 2320-0936 Volume-7, Issue-5, pp-125-129
- Oil tank constructions
- Installed shifters as per diagram
- Towers fabrication for vestas, Siemens Gamesa, JSW.

DOCUMENTATIONS

- Preparing machine list, spares list, critical spare parts list in MS EXCEL worksheet.
- Preparing KPI (Key Performance Indicator), machine history card, machine breakdown register, breakdown time analysis, internal and external Calibrations, CCA reports on nonconformity, fish bone analysis, why-why analysis, root-cause.

CORE COMPETENCIES

Breakdown Management, Creativity, Operational Analysis, Leadership, LOTO, Preventive Maintenance, Critical Thinking, Problem Solving, Decision Making, Team Work, Project Management, Time Management, Optimization, Budget Handling, Engineering Drawings, understanding project specifications, Report writing, safety integrity level, Strategic thinking, Presentation, Project planning, Invoicing.

ERECTIONS

Cost estimation, enforcing safety, Planning, Budgeting, preparing technical documents, hiring personnel, coordinating project members, Ensuring safety, Handling invoices, Supervising contractors & subcontractors.

MACHINES KNOWLEDGE & MACHINES HANDLED

- EOT & GANTRY 20T,50T crane, hydraulic crane operations.
- 3TON BOILERS, Chain, screw, belt conveyors, Bucket elevators, cleaner, Distributors, Weighing scales, Pre grinders, Atomizers, Pulse collectors, SRM, DRM, Micron separator, Pallet mills, Post conditioners, Coolers, revolving screens, Crumplers, Powder separators, Shifters handled.
- Gear boxes, Compressors GA 250 VSD & GA 160 VSD, Diesel engines, Elevators, Screens, Bearings, Shaft alignment, fin fans, valve, Mechanical tools, Flanges, Gaskets, Pumps, Mixers, Fabrications, Erection works for shifters and oil tanks, Welding (ARC 200i,400i ,500i, MAG, TIG).
- CNC cutting machine (plasma cutting, oxy fuel cutting).
- Gas stations, Grit Blasting, Metallizing, Painting booths & particular machines.
- Control panels, Diesel generator (DG) 20kv & 250kv, Fire hydrant system.
- Cutting, grinding machine operations, buffering, Grinding machine services.
- Plate Bending machines, Hydraulic pipes.
- SAW (SUBMERGED ARC WELDING) LS welding, CS welding, Flange fit-up.
- Beveling (Gig angle, Purmill, Ultra, Chamfer), Fork lift (FLT) Operating 5T,3T, 5S system, Drive using machineries.

COMPUTER KNOWLEDGES

- SAP MM Module
- PLC SCADA
- Outlook, Edge

CERTIFICATIONS

- Auto CAD, PTC Creo, SolidWorks, Catia
- Microsoft Word, Excel, Power Point
- TQM – Total Quality Management

PERSONAL DETAILS

DOB : 03/07/1997
PASSPORT NO : S3526080
VISA STATUS : VISITING / 03 DEC 2023
JOINING : IMMEDIATE

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Yours sincerely,

ARUN K