



# VISHNU R NAIR

MECHANICAL ENGINEER

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*Targeting new heights of success with integrity, hard work & dedication, and leaving a mark of excellence on every step with a company providing continuous learning and development opportunities in a fast-paced and continually evolving.*

## PROFILE SUMMARY

Mechanical Maintenance Engineer with 1.9+ years of experience in steel plant. My objective is to work in a specialised environment and excel at everything I do. I believe that I am my own competitor and strive to be better every day. Operation and Maintenance in the steel industrial sector.

### FUNCTIONALS & MANAGERIAL SKILL

### Core competencies

|preventive, predictive & breakdown maintenance | Competent mechanical skills | Mechanical inspection | 5S Workplace productivity | 6sigma | Production & operation Management |Reporting & root cause analysis |Strategic maintenance & production planning | communication skill.

- Planning for resources & job schedule for execution of **preventive, predictive & breakdown** maintenance.
- Overhauling and maintenance of **EOT cranes, pumps, furnaces & rolling mill** with mechanical.
- Strong background in **6 sigma** including lean six sigma, kaizen, minitab, project management foundation
- Maintain equipment **history cards**.
- Rectifying the alignments of all rotating equipment's (**Motors, Pumps, Gearbox**).
- Effectively planning of all maintenance activities with minimal production interruption.
- Responsible for achieving production targets.
- Strong background in **Quality and chemical composition of TMT bar** maintaining for production.

## WORK EXPERIENCE

### METAFRIQUE STEEL S.A, Douala-Cameroon

Mechanical Maintenance Engineer (March 2021 to September 2021)

### RESPONSIBILITIES

- Implementing preventive breakdown and predictive maintenance of furnace, EOT cranes, AOD, CCM rolling mill, cooling tower, hydraulic pump, DM water pump.
- Daily prepares maintenance and breakdown report to SMS and rolling mill, monthly prepares breakdown prepares reports so we can understand how much time each breakdown takes.
- Develop and maintain annual overhaul plans and conduct related communications with production and maintenance supervision to achieve deadline.
- Coordinated with the control the material wastages at the time of execution. Collaborated to perform preventive maintenance and other tasks as assigned.
- Assist in planning maintenance activities, including weekend work and plant shutdowns etc.
- Cross check the spare parts stock inside the store every month.
- Maintained necessary level of communication between shifts.
- Confirm that bearing fit properly and test finished work.

- Participate in technical investigations, studies, problem review and provide sound engineering evaluations and recommendations for proposed action.
- To provide managerial support to production manager on daily department operation.

SHREE SAI HANUMAN SMELTER Pvt Ltd, Tamil Nadu-India.  
Mechanical Maintenance Engineer (November 2019 to February 2021)

## RESPONSIBILITIES

- Formulated to make repairs in a timely professional manner. Facilitated with the work follow up and make daily progress report.
- To generate SMP & EOP for eliminating breakdowns and accidents
- Supervision and guidance of subordinate safe effective working.
- Generally assist the plant head in the day to day operation of the maintenance department.
- Controlling the target parameter for oil, air, water, spares consumption.
- To supervise manufacturing of spare parts in workshop.
- Maintained inspection status throughout the stages of production.
- Prepare and submits daily maintenance plan & report to the plant engineer.

## TECHNICAL SKILLS

- Operating systems: MS WINDOWS 10,8,7 WINDOWS XP, LINUX
- Office packages: MICROSOFT OFFICE.
- Designing tools: AutoCAD , ANSYS ,INVENTOR
- Programming languages: C,C++

## EDUCATIONAL QUALIFICATION

- **2018 – Bachelor of Technology** in Mechanical Engineering, Calicut University Kerala, India.
- **2014 – Higher Secondary** Education, Kerala state Board, India.
- **2012 – Secondary Education**, Kerala state board, India.

## PERSONAL DETAILS

Date of birth: 30<sup>th</sup> January 1995  
Nationality: India  
Visa status: visit visa  
Marital status: Single  
Passport details: S2901695  
Languages: English, Hindi, Malayalam