



ABOOBACKER SADHIK

ASSET MANAGEMENT ENGINEER | RELIABILITY ENGINEER | MAINTENANCE ENGINEER

Contact: +966 569068350; +971 - 562479604(Whatsapp)

E-Mail: sadhik18@gmail.com

Linked In: www.linkedin.com/in/aboobacker-sadhik-ap

CORE COMPETENCIES

- ~ Reliability Centered maintenance (RCM)
- ~ Asset Criticality analysis
- ~ FMEA
- ~ RAM Analysis
- ~ Asset management
- ~ Root cause analysis (RCA)
- ~ Planning & Scheduling
- ~ Pro-active maintenance
- ~ coordination
- ~ Documentation

TECHNICAL SKILL

MS Office: Excel, Word & PowerPoint

Tool: AutoCAD, CMMS, SAP

TRAINING

- CMRP training from Velosi Institute
- Vibration analysis from Vibroserv
- OHSMS Awareness training from TMC institute
- Oil field engineering and Quality control
- Lean Six sigma training from AIGPE

Personal Details

Date of Birth

18th May 1992

Languages Known

English, Hindi, Malayalam, and Tamil, Arabic (Read.write)

Present Address

Fujairah,UAE

Nationality:

Indian

Marital Status:

Married

Passport No.:

S0102587 (Kozhikode)

Valid Up to:

21/02/2028

Driving License:

UAE & INDIA (Light Vehicle)

PROFILE SUMMARY

- **Bachelor of Engineering in Mechanical** with **10+ years of GCC experience in Reliability & maintenance.**
- **CMRP certified maintenance professional.**
- Lean Six Sigma Green Belt (LSSGB)
- Experienced with High-speed heavy machinery
- Experience in **Reliability Centered Maintenance of static and rotating equipment.** Such as Centrifugal Pumps, Positive displacement pumps, Compressors, Generators, Various valves, Cranes, Heavy Equipment, Gearboxes, Conveyorsystem, Rollers, Monoblocks, Storage tanks, Pressure vessels, etc.
- Developed proactive maintenance strategies with maintenance teams to improve asset reliability.
- Experienced in coordination with clients, contractors, suppliers, and various departments.
- Conducted audits for the maintenance department such as ISO 9001, ISO 14001, and ISO 45001.

EDUCATION AND CERTIFICATIONS

- **Bachelor of Engineering in Mechanical Engineering** from Akshaya College of Engineering under Anna University, India,2013
- **CMRP** (Certified Maintenance and Reliability Professional)
- **Vibration analysis CAT 2** -Vibration institute, USA
- **Lean Six Sigma Green Belt (LSSGB)**-Accredited by CPD.
- **PMP***-Project management and planning From Technical Institute of America
- Oil Field Engineering & Quality Control from Induscan Petroleum Institute, India
- **ASNT NDT Level II** Certificate in RT,MT, UT,PT



KNOWLEDGE PURVIEW

- Reliability maintenance analysis and improvement tools like Root cause analysis (RCA), Failure mode and effect analysis (FMEA),5S, Lean six sigma, TPM,TQM, Kaizen, Standard operating Procedure (SOP) , RAM (Reliability, Availability, Maintainability), Machine History card, Fault tree analysis (FTA) , Overall Equipment Efficiency (OEE),TEEP, Lean methodology,Risk based inspection(RBI) ,Asset criticality analysis (ACA)etc.
- Preventive, Proactive, and breakdown maintenance of Rotary and static equipment.
- Condition monitoring techniques: Thermal imaging, Vibration analysis, Machine Lubrication Analysis, etc.
- Wear Debris and Particle count Oil analysis for Lubricant and Hydraulic Oils.
- Asset management study, Life cycle cost analysis for Asset, Asset Life cycle study, Inventory, MRO spares parts management
- Familiar with standards: NAS 1638,ISO4402,ISO1940, API 610 , API 617
- Various Key performance indicators (KPI) and standards of maintenance
- Preparation and maintain documents in the CMMS/SAP system.
- Construction Drawings such as P&ID, Piping Isometrics, Equipment, Structural, GAD

Work Experience

Asset Performance Management Engineer at SABIC, Jubail, KSA
March'24 - Till date



Key Result Areas:

- Working in SABIC Facility located in Jubail via ICMS.
- Analyze breakdowns, identify root causes (RCFA), and initiate preventive measures to ensure minimal loss of production time. Follow up on corrective actions and implement countermeasures to minimize the reoccurrence of faults.
- Monitor, record, and Management of Maintenance KPI
- Track the functionality of the equipment, evaluate the success of the established procedure and systems, and make necessary adjustments.
- Support in implementing effective maintenance programs and accordingly schedule preventive /Proactive maintenance of all machines in the factory in coordination with the relevant section/department heads.
- Provide technical information in the form of technical summaries, failure analysis reports, life cycle improvement suggestions, and design improvement suggestions.
- Work with cross-functional teams and project teams with technical document creation and reviews, product update reviews, technical coordination, maintenance scheduling, and engineering assistance.
- Report on equipment health progress, failures, and accomplishments in the reliability program's monthly report (MTBF, bad actors, etc.).
- Optimize spares and provide advice on the effective utilization of machinery to reduce breakdowns/downtime.
- Asset Life Cycle Management (Asset utilization, equipment effectiveness, remain useful life calculation)
- Participate in team meetings to discuss maintenance status and ongoing problems and contribute to and support continuous improvement initiatives.

Reliability Engineer at USI FZC ,UAE
Dec'18 - Dec'23



Key Result Areas:

- Ensure Alignment with RCA specialist.
- Assist asset engineers to perform reliability growth analysis
- Ensure criticality assessment team is reporting any change in asset criticality to planning department for necessary.
- Ensure that Operation department classify the severity of breakdown as per risk matrix (C1, C2, C3, C4, ...)
- Capture repeated defects in assets covered by APM methodologies via SAP notifications
- Optimize spares and provide advice on the effective utilization of machinery to reduce breakdowns/downtime.
- Machinery Monitoring, Maintenance, Balancing, alignment, and restoration.
- Participate in team meetings to discuss maintenance status and ongoing problems and contribute to and support continuous improvement initiatives.
- Ensure all records and documents are up to date and always have full traceability and retrieval and that all processes, procedures and activities comply with ISO and management procedures.

Mechanical Engineer at Dourosteel Engineering L.L.C, Fujairah, UAE
From Jul'15 - Dec'18



Key Result Areas:

- Managing maintenance of Ecomar **oil & gas Refinery**.
- Condition monitoring of equipment
- Produce technical information, such as Failure Analysis reports, life cycle improvement suggestions, technical summaries, and design improvement suggestions.
- Technical meetings and reviews with OEM , Suppliers, contractors
- Root cause analysis (FTA,FMEA, Ishikawa diagram etc)
- Conduct predictive maintenance inspections and monitoring of critical equipment to identify potential problems early and prevent unplanned downtime.
- Ensuring deployment of necessary resources including manpower, material, and machinery to the site
- Identifying and resolving technical problems arising during installation and Commissioning
- Optimize and ensure the Availability of MRO inventory for smooth operation.
- Developing drawings for small fabrication structures and support for modification and construction
- Working as a team member to control aspects of the mechanical work including planning, execution, documentation, and handover to the client

**Mechanical Maintenance Engineer at Inter Steel FZE,
Fujairah, UAE From May'14 - May'15**



Coordinated and improved the factory facility construction and commissioning with various multinational Companies such as SIEMENS, POMINI, Ferrieti International, AMANA, Concepts, and others.

Key Result Areas:

- Assisted the Mechanical manager with documentation and executing site activities in the facility
- Provided technical support for mechanical design for the improvement of the facility to attain maximum production
- Conducted inspection for the erection and commissioning of static-rotating equipment and pipeline in the plant as per the construction drawings
- Proactive maintenance of Mechanical equipment.
- Identify and resolve technical problems arising in sites.
- Inventory management: Manage spare parts inventory and ensure availability
- Coordinate with cross-functional departments, suppliers, and contractors.
- Key performance indicators management (MTBF, MTTR, PM, Maintenance cost)
- Participate in reliability analyses and acceptance of new/modified equipment
- Define and plan training for maintenance technicians
- Contribute to continuous improvement activities (Kaizen)
- Monitored availability of the necessary stock of spare parts, components, and auxiliary materials, to take measures for their timely execution
- Pre-commissioning of Oil lines, Hydraulic lines, Utility lines with Flushing, Purging, Hydro testing, etc.

**Mechanical Supervisor at NEO Structo Construction Ltd., Surat, India
From Feb'13 - Dec'13**



Key Result Areas:

- Executed fabrication and erection of equipment structure and pipe supports; reviewed drawings for fabrication of piping
- Led workers in testing project modules
- Managed work in progress with respect to the approved schedules
- Ensured quality & HSE procedures were applied and followed during project preparation and execution