



TEJAS.R.BHOJIYA

MECHANICAL ENGINEER

7 years of experience in Oil & Gas and Petrochemical Plant.

Mechanical Maintenance Engineer Expertise with 7 years of experience in Shutdown, Turnaround, Overhauling, Troubleshooting, & Installation of all type of Rotating and Static Equipments are Use in Petrochemical & oil & gas. I have a proven track record in managing mechanical maintenance jobs, ensuring compliance with industry standards, and leading teams for safe and timely project completion makes me a strong fit Candidate for Mechanical Engineer Role.

Roles and Responsibilities

- Lead the Team as a Mechanical Maintenance Engineer and Involving & Guide them During the Maintenance of Rotating & Static Equipments.
- Involving & responsible for the professional execution of the work assigned to the team.
- Manage all Mechanical Maintenance of (Rotating and Static Equipments) PMs, Overhauls, S/D activities in the plant and provide expert engineering technical support to ensure equipment spares availability, Reliability and integrity in line with best practice and standards either technical or safety.
- Plan and supervise the execution of major overhauls and extraordinary Maintenance program in an efficient and cost-effective manner.
- Arrange Long-Term and Short-Term maintenance plan and Involve major overhauling During Shutdowns & Turnaround of Plant Equipments.
- Participate in Root Cause Failure Analysis teams investigates issue due to equipment failure and determines the root cause and also check MTBF to improve equipment life and implement improvement in plant.
- Ensure that the Predictive, Preventive and Breakdown maintenance activities and progress are maintained in the system.
- Manage and Prepare necessary Documentation work related to maintenance/planning like update the ISO & IMS formats/Documents History, Lubrication Schedule, Spare List and Spare Stock. Updating SOP & WIM, Deviation Report, Job Analysis Report, Monthly Report, History Entry, Also Plan and Prepare Shutdown/turnaround Job List and job review.
- Ensuring the optimization and effective utilization of resources and achieve involvement in the maintenance, operations, procedures management.

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EDUCATION

Bachelor of Mechanical Engineering

**DR.APJ ABDUL KALAM UNIVERSITY, INDORE, MP.
PERCENTAGE: 73%**

YEAR OF PASSING: 2019

KEY SKILLS

- **Hard Working Comprehend of safety regulations**
- **Knowledge of maintenance software and tools**
- **Flexibility and adaptability**

ADDITIONAL SKILLS

- **Expressive in English**
- **Critical thinker**
- **Team Management**
- **Time Management**

Working with Company's

- ❖ **Kuwait Oil Company (KOC) at West Kuwait Booster Station-171 Maintenance Project Through Naser Mohamed Al-Baddah Group from (1-MAY-2024 to 9-AUG -2024) As a Mechanical Supervisor**
- ❖ **Emirates Linear Alkyl Benzene FZCO – EMALAB, (UAE-DUBAI) (23-NOV-2022 – 25-MAR-2024) Working as Mechanical Maintenance Engineer**
- ❖ **NIRMA Linear Alkyl Benzene Petrochemical Plant. Re-join as a Mechanical Maintenance Engineer from (10-JULY-2019 to 15-NOV-2022).**
- ❖ **NIRMA Linear Alkyl Benzene –VADODARA, GUJARAT, INDIA. (14-OCT-2014 to 24-APRIL-2016) As a Jr.Mechanical Maintenance Engineer**

Hands on Experience

- ❖ **ROTARY EQUIPMENT'S:** Carry out maintenance of Centrifugal pumps as per [API - 610].

Overhung type, between the bearing type & vertical suspended type pumps [Single, Multistage, Horizontal, Vertical pumps; (Make: Sulzer, Khimline, KSB, Bombas Marlin) High speed centrifugal pumps (Sundyne; Nikkiso Sundstrand, Japan) and Reciprocating pumps [API – 674] (Make: Swalore, Bran & lube). Also have Strong experience in maintenance & Installation of Mechanical seal as per API Flushing & cooling plans.

Perform and manage maintenance of Reciprocating Compressors (MAKE: Ishikawajima-Harima Heavy Industries (IHI), CORKEN & ZEEFEX).

Screw Compressors (MAKE: KOBE Screw Compressor, MAN TURBO Screw Compressor, Atlas Copco, Ingersoll-Rand).

Shift Assignment:

Have a Strong Experience and Knowledge of Shaft Alignment by Various Method, Rim and Face, Fast Alignment laser Kit, and Straight edge.

- ❖ **STATIC EQUIPMENT'S:** Carry out maintenance of all types of static equipments like, Valves, Boiler, Charge heater, Reactor, Heat Exchangers, Vessel, Tanks, etc.
Perform maintenance and cleaning of Shell and tube type heat exchangers as per TEMA (Tubular Exchanger Manufacturer Association) Standard, its tube bundle replacement, hydro testing and cleaning.
Planning and supervising Yearly maintenance of single shell 3-pass fired tube boiler (18 TPH) and its accessories as per IBR norms and witness by Boiler Inspector.

DEPUTATION ON PROJECT'S

PROJECT 1) PACOL REACTOR Maintenance under the instruction of “Honeywell UOP”.

PROJECT 2) PACOL charge heater Refractory found damaged then Replaced with “UNIFRAX Modules”.

PROJECT 3) NEW PEP DRYER UNIT: To increase dryness of Benzene

PROJECT 4) DETAL PLUS: To convert HAB TO LAB

CERTIFICATION / TRAINING / COURSE'S

- ❖ Calibration & Testing For precision Measuring Equipment's Metrology & Engineering Inspection from **ITC VADODARA**.
- ❖ 1) **AL SALAMA FIRE SAFETY TRAINING L.L.C LEVEL 1** (LICENSE NO: 741949)
- ❖ APPROVED TRAINING CENTER FROM DUBAI CIVIL DEFENSE.
- ❖ PIPING ENGINEERING AT “**SMART BRAINS ENGINEERS & TECHNOLOGIST PVT. LTD**”.
- ❖ Shaft alignment Training by PRUFTECHNIK Academy at Nirma plant.

Computer skill's

- ❖ **MSOFFICE** (MSWORD, EXCEL, POWERPOINT)
- ❖ **NEA** (Nirma Enterprise Application) equivalent to **SAP** system.
- ❖ **ORION** Enterprise.

Personal Detail's

Father Name	RameshBhai MohanBhai Bhojiya
Address	B-142 Mathura Nagri Society Old Padra Road Akshar Chowk Vadodara 390020.
Marital Status	Married
Gender	Male
Date of Birth	20-02-1995
Languages Known	Gujarati, English & Hindi
Nationality	Indian
Hobbies	Reading books ,Watching bodybuilding shows ,and Solving Rubik's cube.

- ❖ I hereby declare that the above-mentioned information is true to the best of my knowledge.

TEJAS RAMESH BHOJIYA