

# MECHANICAL ENGINEER

**MOHAMMAD ABBRAR**

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**Madina, Saudi Arabia.**



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## **Career Objective**

A dynamic, team-spirited and performance-driven engineering professional with an extraordinary blend of leadership, management, and manufacturing industry knowledge. Recognized for keen ability to improve component designs, increase efficiency and decrease the need for re-engineering. Ability to communicate and motivate team members to enhance strategic goals and bottom-line objectives with problem-solving techniques.

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## **Technical skills**

- Good knowledge on ERP software, Analyzing data, data reviewing, master data entities, manual data inspection, monitoring material transaction, material inventory, ms office suit.
- Handling rental and on hire heavy equipments and machineries Services, Maintainers and spare parts.
- Reviewing, cataloguing services of Spare Parts Data Package (SPDP) and SPIR - Spare Parts Interchange ability Record.
- Preventive Maintenance and Corrective Maintenance for Heavy equipments, Heavy vehicles and building maintenances.
- Installation of all types of Mechanical installation like HVAC ducting, Air handling unit, Fire system piping ,Motors and also familiar with other MEP installation works like electrical cable tray, cable pulling , Equipment installation, cable trunking, GI conduits etc.
- Good knowledge of analysing site drawings and reporting to superior if any issues as per drawing and updating the drawing as per site condition.
- Good knowledge on Heat Ventilation & Air Conditioning system.
- Having good knowledge about spare parts that will be used daily for mechanical installation.
- Possess in depth knowledge of proposal and planning, detailed HVAC design as per ASHARE CODES, HVAC load calculation, ventilation calculation, ducting and piping layout, creating

drawings, issuing BOQ, equipment selection, site supervision, Quantity surveying, billing & verification.

- Basic Knowledge of Hydraulics and pneumatics.
- Basic knowledge about two stroke and four stroke engines.
- Maintaining daily basis of tools and materials.
- Maintain proper record of tools inspected.
- Everyday checking of power tools good condition before starting work and conducting proper tool box talk.

## **EXPERIENCE**

**Mechanical Engineer in BASHAER AL BENAA CONTRACTING from December 2024 to till Date. ( Western region, SAUDI ARABIA).**

**Projects :** 1. The Two Holy Mosques Project for Simultaneous Translation in Prophet's Mosque.

2. The Expansion of Rare Books Hall and Library of the prophet's Mosque.

3. The Rehabilitation project of the Southern Building No 6 of the prophet's Mosque.

- Assisting with the management of daily operational activities.
- Supervision of Installation of all HVAC units and devices as per the stands and guidelines.
- Assisting with project management by creating tracking progress, and resolving issues.
- Coordinating with procurement department for construction materials.
- Making Inspection of the project as per the owner and consultant view.
- Handling all kind of issues related to MEP as per Prophet's mosque standards.
- Coordinating with other department for soft work flow.

**Mechanical Engineer in VTK Construction projects LTD From April 2023 to September 2023– Vijayawada, INDIA.**

- Assisting with the management of daily operational activities.
- Supervision of Installation of all HVAC units and devices as per the stands and guidelines.
- Requesting for the materials and workforce as per the requirement.
- Handling of heavy Equipments, heavy vehicles and Machinery activities for maintenance, service and mobilization.
- Coordinating with procurement department for construction materials, lubricants and other spare parts.
- Assisting with project management by creating assignments, tracking progress, and resolving issues.
- Preparing and maintaining operations documents and reports using ERP software and master data.
- Scheduled, monitored, & recorded utilization of crews, equipment, & services according.

**Maintenance Coordinator in Concord Stars Contracting LLC.**

**From December 2020 to January 2023- DUBAI.**

- As a maintenance coordinator my task is to maintaining all assigned equipment in a safe, efficient, and timely manner.

- Maintaining good relations with co-workers who can able to work independently and as part of a team.
- Supervising Installation and inspecting all types of Mechanical installation like HVAC ducting, Airhandling unit, Fire system piping, Motors and other MEP installation works like electrical cable tray, cable pulling, Equipment installation, cable trunking, GI conduits etc.
- Maintaing and repairing electrical and mechanical systems, helps with emergency maintenance, meets maintenance goals, and schedules preventative maintenance
- Carry out safety evaluations and root cause analyses
- Perform work orders, perform scheduled maintenance, conduct tests, and oversee repair of equipment
- Research and report serious problems to upper management
- Manage and maintain all mechanical, electrical, and plumbing systems
- Maintain a database of equipment, supplies, and inventory
- Uphold company standards by attending to repairs, remodelling, and preventive maintenance
- Proactively seek out opportunities for improvement
- Keep accurate and detailed records of all maintenance actions
- Maintain effective working relationships with vendors, contractors, and staff
- Ensure that the workforce is comfortable
- Research new tools and equipment to ensure the company is using the best equipment possible for quality and safety
- Create and oversee project plans for work sites, coordinating with project managers and engineers
- Meet with department supervisors monthly to discuss problems, create solutions, and share success stories
- Attend and participate in workshops and seminars, enhancing and sustaining the company's knowledge base and proactively seek new opportunities and directions for improvement.

**Mechanical Supervisor in HAZARA TECHNICAL SERVICES ( Dubai Metro Red Line Extension Expo link Route 2020) From August 2019 to May 2020 - DUBAI.**

- Preparing and presenting site inductions, safety briefings and toolbox talks.
- Checking of power tools daily basis and monthly basis inspecting the condition of tools and update tools in monthly inspection sheet.
- Installation of Mechanical equipments like HVAC ducting works, Fire fighting system piping and Motor installation.
- Following proper step by step procedure for installation and studying the instruction manual before start work and giving proper tool to box about safety hazards involve in it and explaining them about the installation prior to start.
- Once completed immediatly inform to Superiors about work completion and asking him about next work.
- Checking properly all the workers follow timings.
- And also in addition to mechanical works, I'm also having good knowledge in supervision and Installation of Electrical Cable trays, Trunking, Floor box, G I Conduits, Equipment installation, Cabling Installation for Signalling & Communication like PA system, CCTV system and MEP installations.
- Assessing and managing safety hazards.
- Carrying out regular inspections.
- Helping project Engineer to plan the work programme.
- Helping co-ordinate deliveries of materials and equipment.
- Maintaining proper records of work completion and tools.

- Carrying out regular inspections to ensure compliance with relevant requirements, processes and procedures.

**Mechanical Trainee Engineer in Locomotive Mechanical Department, South central Railway, Vijayawada from Jan 2017 – May 2019.**

Analysis on Performance of Turbo Charger in I.C Engine  
For increasing turbo charger efficiency we will do proper maintenance of Assembly parts of Engine.

Supervision of Ac ducting installations and Air handling unit installations.

Supervision of Fire Fighting system and Fire pump motors installations.

Checking of load calculations of ducting.

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## **EDUCATION**

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**Bachelor's Degree in Mechanical Engineering from Nimra College of Engineering & Technology Vijayawada, INDIA.**

### **ACADEMIC PROJECT**

Title : Analysis on Performance of Turbo Charger in I.C Engine.

Company Name : Locomotive Mechanical Department, SOUTHCENTRAL RAIL VIJAYAWADA.

### **PERSONAL PROFILE:**

Name : MOHAMMAD ABBRAR  
Father's Name : MOHAMMAD AABID ALI  
Date of Birth : 30-01-1990  
Marital Status : Married  
Nationality : Indian  
Passport number : P0255992  
Languages : English, Hindi, Urdu and Telugu  
Address : Jubail - Saudi Arabia  
Notice period : Available immediately  
Visa Status : Transferable Visa

### **Declaration:**

Here by I am declaring that all the information mentioned above is true to the best of my knowledge and belief.

Place:

Abbrar Mohammad