

Hamza Aslam

Mechanical Engineer | Maintenance Engineer

Multan, Pakistan

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Professional Summary

Mechanical Engineering graduate with strong problem-solving and analytical skills, with hands-on experience in the maintenance of rotating and stationary equipment, preventive maintenance strategies and site supervision. A collaborative team player with exceptional communication and leadership skills, seeking a dynamic role to drive reliability and advance professional growth.

Projects / Academic Experience

Gas Turbine Overhauling

- Performed borescope and dye penetrant testing on gas turbine blades during hot gas path inspection under the supervision of General Electric's field service engineer.

Final Year Project

- Conducted a detailed comparative study on NACA and NREL airfoil profiles.
- Evaluated aerodynamic efficiency, lift-to-drag ratios, and structural stability under varying wind conditions.

Work Experience

Pak Suzuki Motor Company - Dealership | Feb 2024 - Mar 2025

Assistant Manager - Aftersales (Acting Role)

- Oversaw overhaul of petrol engines, gearboxes, hydraulic lifts and braking systems.
- Performed root cause analysis on recurring mechanical faults in workshop equipment using structured problem-solving methods, improving diagnostic accuracy.
- Communicated effectively across departments and vendors, improving efficiency and yield by 25%.
- Implemented continuous improvement practices such as Kaizen and 5S.
- Conducted team meetings to enhance communication, task alignment and safety awareness.
- Maintained MS Excel-based logs, simulating CMMS functionality for preventive maintenance schedules and reporting.

Pak Arab Fertilizers Limited (Fatima Group) | Jun 2023 - Aug 2023

Engineering Intern

- Participated in major inspection of GE-10/1 Gas Turbine, including combustion chamber and hot gas path inspection, contributing both independently and as a part of technical crew.
- Assisted in diagnosing and resolving overhaul issues in rotating equipment such as pumps and compressors, improving inspection efficiency by 15%.
- Supported inspection and maintenance documentation using MS Word and Excel, including borescope and dye penetrant testing reports.
- Coordinated with vendors for spare parts procurement and maintenance procedures.

Skills

Technical Skills: MS Word, MS Excel (Advanced), Quality Control, Hydraulic Systems, PowerPoint, Project Management, Preventive Maintenance, Root Cause Analysis (RCA), CMMS

Soft Skills: Analytical Thinking, Risk Management, Communication, Problem Solving

Education

BS Mechanical Engineering Technology | 2020-2024

NFC Institute of Engineering & Technology, Multan

CGPA: 3.5/4

Reference

Available upon request.