



TABISH AHMAD MALIK

MECHANICAL DESIGN ENGINEER

Riyadh, KSA

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PROFESSIONAL SUMMARY

A versatile and committed Mechanical Engineer with hands-on experience across multiple sectors, including aquatic systems and swimming pool engineering, commercial vehicle servicing, and motorcycle service management. Demonstrates strong expertise in mechanical systems installation, technical advisory, service operations, and customer relationship management. Known for delivering high-quality technical support, streamlining service processes, and leading teams to exceed performance targets. Brings a practical approach to problem-solving, with a focus on operational efficiency, safety compliance, and customer satisfaction in both field and workshop environments.

SKILLS

- AutoCAD, SolidWorks, Catia V5.
- MS Office Suite (Excel, Word, PowerPoint, Project).
- Familiarity with Industry Standards.
- Site Management & Supervision.
- Mechanical System Design & Analysis Tools.
- Equipment Maintenance & Troubleshooting.
- Safety Standards & Compliance.
- Quality Assurance & Control.

EXPERIENCE

TECHNICAL OFFICE ENGINEER (MEP – Aquatics)

OCT- 2025 – PRESENT

ALMOUSA POOLS

RIYADH, KSA

- Prepare and review shop drawings, hydraulic schematics, and piping layouts for swimming pools and water features
- Ensure compliance with international standards and project specifications.
- Deliver as-built documentation and operation & maintenance (O&M) manuals during project close-out.
- Prepare Bills of Quantities (BOQs), assist in cost estimation, and contribute to tender documentation
- Preparing and managing technical documentation including Method of Statement (MOS), Inspection and Test Plan (ITP), Test Inspection Report (TIR), Work Inspection Request (WIR), Material Inspection Request (MIR), Material Approval Request (MAR), Work Approval Request (WAR), Request for Information (RFI), Non-Conformance Report (NCR), Material Submittals, etc.

MECHANICAL DESIGN ENGINEER (MEP-AQUATICS)

JAN- 2025 – OCT-2025

Ghars AL Mazen Limited Company

Jeddah, KSA

- Assisted in the development of swimming pools, water features, Jacuzzis, whirlpools, and aquatic pond MEP system designs

- Ensuring adherence to industry codes and standards in all design and installation processes.
- Collaborating with senior engineers and team members to achieve project goals effectively.
- Utilized CAD software for modeling and drawing tasks.
- Performed calculations, including pump head, heat load, disinfection system calculations, heat loss, hanger support, and pipe sizing, to ensure the optimal performance and efficiency of the systems.
- Provided support for quality control efforts and ensured compliance with IFC as well as design specifications.
- Prepared technical documentation and reports for projects, such as material submittals, technical queries (TQ), and documentation such as method of statements (MOS), material inspection requests (MIR), work inspection requests (WIR), training manuals, and operation manuals (O&M).
- Coordinated with project managers for ensuring timely delivery of project within established timelines.
- Closed the non-conformance reports (NCRS), implemented corrective actions, and ensured compliance with project specifications and quality standards.
- Actively participated in problem-solving and issue-resolving activities to overcome challenges encountered during design and site execution phases.
- Prioritized safety considerations throughout the design and installation process to mitigate risks and ensure a secure working environment.

TECHNICAL SERVICE ADVISOR (COMMERCIAL VEHICLES)

NOV 2019- MAY 2024

Pasco Motors LLP (Tata Motors)

Haryana, IND

- Experience in handling 30+ employees in an organization and 12+ aggregate vendors.
- Conduct testing of Fuel systems including common rail, Injectors and FIP. Actively running diagnostic tests of various electro-mechanical components, such as:
- Alternator, Steering pump, starter motors, ECM and VCM.
- Highly skilled in writing technical reports, Root Cause Analysis(RCA), NCR, Training Manuals, Safety Plan, Risk Assessment etc.
- ❖ **Key Achievement.**
- ✓ Helped my team to achieve the total monthly revenue target of INR 2 million by building trust and resolving complex complaints about the number of Fleet Owners of the city.
- ✓ Conducted In-house training program for White- and Blue-collar workers, fully trained 7 assistant mechanics and 2 floor in-charges.

EDUCATION

BACHELOR OF ENGINEERING (MECHANICAL)
UNIVERSITY OF KASHMIR

2015 to 2019

CERTIFICATIONS

- Diploma in mechanical CAD (2D & 3D).
- Diploma in computer software and applications.

LANGUAGES

- English
- Urdu
- Kashmiri
- Arabic