

MOHAMED SADIQUE P

MECHANICAL ENGINEER (MMUP / UPDA with valid Qatar Driving License)

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CORE COMPETENCIES

- HVAC System Design and Optimization
- MEP Systems Maintenance
- Equipment Inspection and Troubleshooting
- Preventive Maintenance Planning
- Bills of Quantities (BOQ) Preparation
- Project Management
- Equipment Procurement
- Building Code Compliance
- Equipment Testing and Commissioning
- Building Systems Integration
- Equipment Reliability and Performance Analysis
- Regulatory Compliance
- Sustainable Design
- Root Cause Analysis
- Safety and Risk Assessment
- Building Automation Systems (BAS)
- Facility Operations Optimization

TECHNICAL SKILLS

- AutoCAD
- HAP
- Duct Sizer
- MS Office
- CAFM

EDUCATION

- Bachelor of Technology | Calicut University | 2018

CERTIFICATIONS & LICENSES

- Engineer Registration Certificate | Ministry of

EXECUTIVE SUMMARY

- Dedicated Mechanical Engineer with 5 years of hands-on experience specializing in Mechanical, Electrical, and Plumbing (MEP) systems within Facility Management.
- Recognized for expertise in enhancing HVAC design components to optimize efficiency and performance, ensuring optimal comfort and energy savings in building environments.
- Proficient in preparing detailed Bills of Quantities (BOQ) for project estimation and procurement, demonstrating meticulous attention to detail and cost-effective planning.
- Experienced Maintenance Engineer skilled in conducting thorough equipment inspections, implementing preventive maintenance strategies, and ensuring reliable operation of mechanical systems.
- Demonstrates capability in formulating equipment designs, performing rigorous testing, and developing precise specifications to meet project objectives and performance standards.
- Proactive approach to researching and applying innovative product applications, leveraging technical knowledge to drive continuous improvement and sustainable solutions in facility operations.

AREAS OF EXPERTISE

- MEP Systems Management: Proven ability to oversee and maintain Mechanical, Electrical, and Plumbing (MEP) systems, including HVAC, pumps, and plumbing fixtures, ensuring optimal performance & reliability.
- Equipment Optimization: Skilled in enhancing HVAC design components to improve efficiency and energy savings, utilizing technical expertise to optimize equipment performance.
- Preventive Maintenance Planning: Experienced in developing and implementing preventive maintenance schedules and strategies to minimize downtime and extend equipment lifespan.
- Project Management: Proficient in managing facility improvement projects, from planning and budgeting to execution and completion, ensuring projects are delivered on time and within budget.
- Cost Estimation and Budget Control: Expertise in preparing detailed Bills of Quantities (BOQ) and cost estimates for project planning and procurement, optimizing resource allocation and cost-effectiveness.

EMPLOYMENT OUTLINE

Mechanical Engineer (Operation and Maintenance) | Mosanada Facility Management Services Khalifa International Stadium & Al Thumama Stadium | Mar 2021 – Present

- Oversaw and maintained critical HVAC equipment including chillers, pumps, AHUs, VRV systems, and various air conditioning units, ensuring optimal performance and efficiency.
- Led and coordinated periodical preventive maintenance (PPM) activities for all HVAC systems, collaborated with OEM and in-house teams to minimize downtime and extend equipment lifespan.
- Managed scheduling, monitoring, and documentation of PPM and on-call maintenance requests for mechanical, electrical, and other facility systems, optimizing equipment reliability.
- Conducted comprehensive monthly inspections of fire protection, mechanical, electrical, and civil assets, prepared detailed reports for client review and compliance.
- Coordinated tasks and assignments with technicians in a team-oriented environment, prioritized work based on criticality, and ensured timely completion of maintenance activities.
- Enforced Environmental Health and Safety (EHS) protocols, ensured proper PPE and work permits for in-house and subcontracted staff, and maintained a safe working environment.
- Oversaw procurement, inventory management, and documentation processes, and maintained accurate records of checklists, PPM reports, call-out reports, and subcontractor activities.

MEP Maintenance Engineer | HMS Hospital, Calicut, India | Jun 2019 – Jan 2021

- Installed, tested, commissioned, and performed preventive and corrective maintenance on critical Mechanical and Plumbing Systems including AHUs, Split AC Units, Chilled Water Pumps, and various pumps essential for hospital operations.
- Prepared detailed cost estimations for MEP works, aligned with tender requirements, to support accurate project planning and budgeting.
- Conducted site inspections, supervised maintenance activities, and generated comprehensive daily and monthly reports to track progress and ensure the quality of maintenance works.
- Managed inquiries for MEP works, conducted site visits, and performed detailed site surveys to gather essential information for estimation and quotation preparation.
- Coordinated with suppliers and subcontractors, prepared inquiries to receive quotations for materials, services, and subcontract works, facilitating efficient project costing and procurement processes.

Municipality Engineers & Engineering Offices
Accrediting & Classifying Committee

- **MEP Systems and Design Specialization**
- **ASNT Level II in DPT, MPT, UT, & RT | Non-Destructive Testing**
- **Quality Control and Inspection Certification | National Council for Technology and Training**

EVENTS

- **FIFA World Cup 2022:** Contributed to the MEP maintenance and operations for facilities related to the FIFA World Cup 2022, ensuring all mechanical and plumbing systems were in optimal condition to support the prestigious international event.
- **AFC Asian Cup 2023:** Provided MEP maintenance and support services for venues hosting the AFC Asian Cup 2023, ensuring reliability and functionality of HVAC systems, pumps, and other essential equipment during the tournament.
- **AFC Asian Cup U-23 2024:** Managed MEP maintenance activities for venues hosting the AFC Asian Cup U-23 2024, maintaining critical systems to meet tournament requirements and ensure operational readiness.
- **Qatar Star Leagues:** Supported MEP maintenance and operational readiness for Qatar Star Leagues matches, overseeing systems such as air conditioning units, pumps, and ventilation systems at sports venues.
- **Amir Cup:** Played a role in MEP maintenance and operations for the Amir Cup tournament, ensuring all mechanical and plumbing systems functioned effectively to meet event demands.
- **Qatar & UAE Super Cup:** Supported MEP operations and maintenance for the Qatar & UAE Super Cup matches, ensuring optimal performance of mechanical and plumbing systems at tournament venues.
- **Asian Football Confederation (AFC) Events:** Contributed to MEP maintenance and facility operations for various Asian Football Confederation (AFC) events, ensuring compliance with standards and regulations for sports venues.