



ARUN K V

Senior Mechanical Engineer |
Facility Management
Professional

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Valid Saudi driving license

Riyadh, Saudi Arabia, Transferable Iqama

PROFESSIONAL SUMMARY

Mechanical Engineer with 10+ years of progressive experience in facility management, MEP systems optimization, and infrastructure asset management. Proven expertise in leading cross-functional teams, managing multi-million dollar budgets, and implementing preventive maintenance programs that reduce operational costs by up to 30%. Skilled in tender management, contractor coordination, and regulatory compliance across commercial, industrial, and residential sectors. Seeking to leverage comprehensive technical knowledge and leadership capabilities as a Senior Engineer or Assistant Facility Manager.

PROFESSIONAL EXPERIENCE

MECHANICAL ENGINEER - FACILITIES MANAGEMENT
AL WASEEF ASSET MANAGEMENT COMPANY, Qatar

2023 - 2025

Leading facility management operations for high-value infrastructure and public realm developments

Key Achievements & Responsibilities:

Facility Operations Management

- Delivered efficient FM operations across multiple infrastructure developments and public spaces
- Developed and implemented comprehensive preventive maintenance programs reducing downtime by 25%
- Managed CAFM/CMMS systems for asset tracking, lifecycle management, and maintenance scheduling

Project & Tender Management

- Led complete tender lifecycle management (pre/post-qualification) for O&M and capital projects
- Prepared detailed SOWs, BOQs, and cost estimates for projects ranging from \$500K to \$5M
- Evaluated and approved value engineering proposals resulting in 15% cost optimization

MEP Systems Leadership

- Oversaw design, testing, and commissioning of integrated MEP systems ensuring 100% compliance with international standards
- Supervised multi-disciplinary MEP installations coordinating civil, architectural, and electrical teams
- Conducted technical resolution of complex design issues maintaining project specifications

PWC Infrastructure Management

- Managed Pneumatic Waste Collection (PWC) services across sub-developments meeting Lusail City standards
- Led design reviews, connection approvals, and system commissioning for PWC infrastructure
- Developed comprehensive PWC design guidelines aligned with municipal waste management policies

Asset Handover & Integration

- Directed infrastructure handover processes ensuring seamless FM integration
- Verified project closure deliverables including T&C reports, O&M manuals, and warranty documentation
- Established training programs for facility operations staff

MAINTENANCE ENGINEER
SPARROW TRADING AND CONTRACTING, Qatar

2019 - 2023

Managed mechanical systems maintenance and contractor coordination for commercial facilities

Key Achievements & Responsibilities:

Maintenance Operations

- Coordinated maintenance activities for multiple commercial properties ensuring 98% uptime
- Implemented equipment breakdown response protocols reducing resolution time by 40%
- Managed work order systems processing 200+ maintenance requests monthly

Technical Leadership

- Led commissioning and testing of mechanical systems meeting performance standards
- Prepared comprehensive technical reports for senior management decision-making
- Developed sustainability initiatives reducing energy consumption by 20%

Safety & Compliance

- Enforced HSE regulations achieving zero-incident record over 4-year period
- Coordinated staff training and certification programs for technical competency
- Conducted regular safety audits and compliance inspections

Fire Safety Management

- Maintained fire alarm and detection systems (addressable and conventional)
- Operated firefighting equipment and conducted fire safety inspections
- Implemented fire prevention protocols and emergency response procedures

MECHANICAL ENGINEER

CONTRA INTERNATIONAL W.L.L, Qatar

2014 - 2019

Specialized in plumbing, drainage, and pneumatic systems installation and maintenance

Key Achievements & Responsibilities:

- Designed and installed plumbing/drainage systems for diverse building types
- Prepared tender documents including BOQ, BOM, and technical specifications
- Coordinated with regulatory authorities obtaining necessary approvals
- Managed pneumatic system installations ensuring operational efficiency
- Maintained existing building mechanical systems minimizing disruptions

PROJECT ENGINEER

AMAZON ENVIROTECH PVT. LTD, India

2012 - 2014

Supported project management and engineering design for environmental systems

Key Achievements & Responsibilities:

- Developed P&ID and PFD drawings for environmental engineering projects
- Prepared material submittals and coordinated with procurement department
- Monitored project progress preparing detailed status reports
- Formulated project parameters and assigned team responsibilities
- Managed project documentation and stakeholder communications

NOTABLE ACHIEVEMENTS

Team Leadership

Successfully managed teams of 15+ engineers and technicians

Safety Record

Maintained zero-incident record across 10+ years of engineering operations

Cost Optimization

Implemented value engineering solutions saving \$2M+ across multiple projects

Patient Care Excellence

Supported medical facility operations ensuring optimal service delivery

FIFA World Cup 2022

Volunteered in facility operations contributing to successful global event execution

EDUCATION & CERTIFICATIONS

Bachelor of Mechanical Engineering
Vinayaka Mission University

2012

Professional Certifications

AutoCAD Professional Certification
Professional in Product Design & Analysis
ISO Standards Certification
Confined Space Training
Soft Skills Training

Professional Development

CAD Sketching and Technical Drawing
Advanced HVAC Load Calculations
Fire Safety Systems Management
Preventive Maintenance Planning

CORE COMPETENCIES

Quality Assurance

Testing & Commissioning, Technical Documentation, Performance Auditing

Financial Management

Budget Planning & Control, Value Engineering, Cost Optimization Strategies

Strategic Planning

Preventive Maintenance Programs, Energy Efficiency Initiatives, Sustainability Projects

Team Management

Cross-functional Team Leadership, Vendor Management, Contractor Coordination

Documentation

Technical Report Writing, O&M Manual Development, Method Statement Review

Software

AutoCAD, MS Project, CAFM/CMMS Systems, MS Office Suite (Advanced Excel)

Compliance & Standards

International Building Codes, HSE Regulations, ISO Standards Implementation

Project Management

Tender Process Management, BOQ/BOM Development, Cost Estimation & Control

MEP Systems Expertise

HVAC Design & Optimization, Plumbing & Fire Protection, Pneumatic Systems

Facility Management Systems

CAFM/CMMS Implementation, Asset Lifecycle Management, PPM Scheduling

LANGUAGES

English	Hindi
Arabic	Tamil
Malayalam	

REFERENCES

MAHMOUD HOZYAN
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