

CURRICULAM VITAE

Afsal Muladan Meediankutty

Civil Engineer -QA/QC

📍 Riyadh, Kingdom of Saudi Arabia

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✂ 9+ Years' Experience | ISO 9001:2015 Certified | Saudi Council of Engineers Registered

Professional Summary

Dedicated QA/QC Civil Engineer with over 9 years of experience in infrastructure and civil projects across Saudi Arabia and India. Expertise in quality management systems, inspections, ITP preparation, audits, and corrective actions. Strong knowledge of international standards (ACI, ASTM, AASHTO, BS, EN) and ISO 9001:2015 QMS. Proven ability to deliver projects within budget and schedule by ensuring compliance with specifications and coordinating with contractors, consultants, and stakeholders.

Core Competencies

- Quality Assurance & Quality Control (QA/QC)
- Inspection & Test Plans (ITPs) & Method Statements
- Material & Work Inspections (WIR/MIR)
- Audit Preparation & Continuous Improvement
- Third-Party Testing & Verification
- ISO 9001:2015 QMS Compliance
- NCR Management & Root Cause Analysis
- Civil Codes: ACI, ASTM, AASHTO, BS, EN
- Team Supervision & Training
- AutoCAD Civil Drafting & Technical Documentation

Key Projects Portfolio

- King Fahd International Airport (KFIA) – Runway Rehabilitation
- Sports Boulevard – Red Sand Nature Park, Riyadh
- King Abdullah Financial District (KAJD) – Roads & Bridges
- L&T Heat Vessel Manufacturing Facility, Jubail

Professional Experience

Al Mabani General Contractors (AGC), Riyadh

QA/QC Civil Engineer | Oct 2022 – Present

Projects: Sports Boulevard – Red Sand Nature Park | KFIA – West Runway Rehabilitation | KAFD – Access Roads

Responsibilities:

- Developed and implemented Quality Plans, ITPs, Method Statements, and inspection checklists.
- Conducted inspections for earthworks, concrete, asphalt, rebar, and steel structures ensuring compliance with standards.
- Coordinated third-party laboratory testing for soil, concrete, and asphalt; verified compliance with project specifications.
- Issued NCRs, led root cause analysis, and verified corrective/preventive actions to close issues.
- Monitored site activities daily to ensure compliance with contract requirements and QMS standards.
- Participated in internal/external audits, prepared audit reports, and ensured continuous improvement.
- Reviewed material submittals, shop drawings, and technical documents for consultant approvals.
- Mentored and supervised junior QA/QC engineers and inspectors.

Key Achievements:

- ✓ Ensured successful QA/QC delivery of KFIA Runway Rehabilitation Project with zero major audit findings.
- ✓ Reduced NCR recurrence by 20% through proactive monitoring and preventive measures.
- ✓ Improved consultant approval timelines by streamlining inspection request submissions.

Gulf Resources Projects Co., Jubail

QA/QC Civil Engineer | Jun 2021 – May 2022

Project: L&T Heat Vessel Manufacturing Facility

Responsibilities:

- Performed incoming material inspections ensuring compliance with project specifications.
- Monitored welding, formwork, concreting, and finishing works to verify quality standards.
- Prepared and submitted WIRs/MIRs; coordinated consultant inspections for approvals.
- Reviewed vendor documents, material test certificates, and calibration records.
- Tracked NCRs, coordinated corrective actions, and ensured closure within timelines.
- Maintained detailed quality records for audits and client review.

Key Achievements:

- ✓ Achieved 100% approval rate on first submission of MIR/WIR packages.
- ✓ Streamlined consultant coordination, reducing approval cycle time by 15%.
- ✓ Supported commissioning of Heat Vessel Facility with zero quality-related delays.

Golden Engineering for Contracting, Riyadh

QC / Site Engineer | Apr 2019 – Apr 2021

Project: STC Telecom Tower Civil Works

Responsibilities:

- Conducted site inspections for tower foundations, cable trenches, and erection works.
- Ensured civil works adhered to STC standards and HSE protocols.
- Prepared daily inspection logs, weekly progress reports, and quality records.
- Coordinated with subcontractors to ensure adherence to quality specifications.
- Verified compliance of concrete and rebar works with approved drawings and standards.

Key Achievements:

- ✓ Delivered over 5 telecom tower sites with zero major quality non-conformities.
- ✓ Optimized site inspection process, reducing rework frequency by 10%.
- ✓ Recognized by project management for consistently meeting quality milestones.

Megha Habitats, Kerala, India

QC Civil Engineer | Aug 2016 – Mar 2019

Projects: Multi-Storied Residential & Commercial Buildings

Responsibilities:

- Conducted quality checks for RCC, blockwork, plastering, waterproofing, and finishing works.
- Reviewed mix designs, verified concrete grades, and monitored pouring activities.
- Coordinated inspections with clients/consultants during key project milestones.
- Maintained QA documentation including site diaries, checklists, and material test reports.
- Ensured all work complied with IS codes and client requirements.

Key Achievements:

- ✓ Delivered multiple residential and commercial projects meeting high quality standards.
- ✓ Improved QA documentation system, reducing consultant queries by 25%.
- ✓ Contributed to timely project handovers with minimal snag lists.

Education

Bachelor of Civil Engineering – Mahatma Gandhi University, Kerala, India (2012 – 2016)

Certifications & Registrations

- ISO 9001:2015 Lead Auditor – QMS
- Saudi Council of Engineers – Registered Engineer
- AutoCAD Civil Design & Drafting – Certified