

UMAIR AHMAD

(QA/QC Engineer)

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PROFILE SUMMARY

QA/QC Engineer with **6+ years of experience** in inspection, quality control, and compliance across infrastructure, fit-out, and high-end construction projects. Skilled in ITP implementation, material approvals, and NCR management aligned with international standards. Proven track record of minimizing rework, improving quality metrics, and ensuring timely project handovers through rigorous quality monitoring and cross-functional coordination.

QUALIFICATIONS & CERTIFICATIONS

- BSc in Civil Engineering
- PEC Registered Engineer (Pakistan Engineering Council)
- ISO 9001:2015 Lead Auditor – QMS
- NEBOSH IGC – Health & Safety
- Project Planning – Primavera P6
- Quantity Surveying & Estimation (RIB CostX, AutoCAD, Excel, Planswift)
- Project Contract Management & Procurement
- Risk Assessment & Process Safety

Advanced Trainings:

- Retrofitting, Earthquake Resilience
- Digital Transformation in Engineering
- Artificial Intelligence Applications
- Solar, Wind & Hydropower Projects
- IoT, Blockchain, and Cybersecurity in Engineering
- Agile Methodologies & Six Sigma in TQM
- Leadership, Stress Management, and Emotional Intelligence
- Engineering Innovation & Entrepreneurship

PROFESSIONAL SKILLS

- **Software & Tools:** AutoCAD, Aconex, Primavera P6, RIB CostX, PlanSwift, MS Office (Excel, Word, PowerPoint)
- **Quality Assurance & Compliance:** QA/QC Procedures, ISO 9001:2015 Standards, ITP Preparation, NCR & MIR Management
- **Inspection & Testing:** Site Inspections, Material Testing, Slump Tests, Cube Tests, Rebar & Concrete Monitoring
- **Technical Documentation:** ITPs, Checklists, RFIs, MIRs, WIRs, As-Built Documentation, Non-Conformance Reports
- **Health & Safety Integration:** NEBOSH Certified, HSE Coordination, Risk Assessment, Site Audit Compliance
- **Construction Quality Monitoring:** Fit-out QA Inspections, Theming/Rockwork Assessment, Civil & Infra Compliance
- **Client & Consultant Coordination:** QA Walkdowns, Snagging/De-snagging, Site Instructions (SIs), Final Handovers
- **Regulatory Standards Knowledge:** ACI, ASTM, BS, and Project Specifications Compliance, Quality Audits Support
- **Reporting & Communication:** Daily/Weekly Quality Reports, MTR Review, Site Observations, Progress Updates
- **Corrective & Preventive Actions:** Root Cause Analysis, CAPA Implementation, Defect Tracking, Rework Minimization

WORK EXPERIENCE

Construction and Planning Co. Ltd, Riyadh, KSA

Position: QA/QC Engineer

Duration: April 2023 – Present

Project: Qiddiya Water Theme Park

Client: Qiddiya Investment Company

Key Responsibilities:

- Conducted systematic QA/QC inspections across structural, architectural, infrastructure, and themed rockwork installations per ITP and project specs.
- Reviewed and verified material submittals, MIRs, and associated compliance test reports to ensure strict adherence to technical requirements.
- Managed and updated ITPs, checklists, and NCR logs; ensured timely closure of observations and quality issues.
- Liaised with consultants, subcontractors, and third-party inspectors for routine and special inspections.
- Oversaw field testing including concrete slump, compaction, and reinforcement checks; approved laboratory reports.
- Participated in weekly QA/QC meetings to track progress and report critical quality deviations.
- Spearheaded punch list preparation, snag rectification, and final quality documentation for project handover.
- Reduced NCR recurrence by 40% through proactive inspection planning and training sessions.
- Achieved 100% on-time closure of MIRs and WIRs for five consecutive months.
- Facilitated successful final inspection and handover of three major themed zones within Qiddiya project.

- Implemented a digital tracking system for QA reports, improving traceability and reducing paperwork by 60%.

SAUDI ZAAS CONSTRUCTION CO., Riyadh, KSA

Position: QA/QC Engineer

Duration: Jan 2021 – March 2023

Project: Radisson Blu Hotel

Client: Riyadh Chamber

Key Responsibilities:

- Supervised QA/QC activities during finishing, fit-out, MEP interfaces, and façade installations in a luxury hospitality project.
- Verified compliance of delivered materials and installation methods with IFC drawings and QCS 2018 standards.
- Maintained MIR, WIR, and NCR logs; facilitated daily inspections with consultants and rectified nonconformities.
- Ensured seamless coordination between site, design, and QA departments to eliminate execution errors.
- Reviewed method statements and inspection test plans; suggested quality improvements and preventive actions.
- Facilitated pre-handover mock-up inspections and coordinated punch list clearance.
- Developed inspection dashboards and reporting formats for executive QA/QC review.
- Closed 100+ NCRs and site instructions within stipulated timelines, reducing client rejections.
- Led QA audits resulting in 96% compliance rating during third-party assessment.
- Optimized snag closure cycle time by 35% through structured tracking and subcontractor follow-up.
- Trained 10+ site engineers and supervisors on QA procedures, improving inspection readiness.

Larsen & Toubro (L&T), Al Rass, KSA

Position: QA/QC Site Engineer

Duration: Dec 2020 – March 2021

Project: Al Rass Solar PV IPP (700 MW)

Client: Aqua Power

Key Responsibilities:

- Performed QA inspections for foundation construction, trenching, cable routing, and inverter pad installation.
- Coordinated third-party testing and documentation for compaction, concrete strength, and structural embedments.
- Monitored QA documentation including field density tests (FDT), slump tests, and reinforcement records.
- Maintained WIRs and MIRs across all civil works and supported electrical teams during QA walkthroughs.
- Interfaced with QA/QC manager to prepare inspection summaries and progress updates.
- Supported engineering team in verifying alignment and elevation of solar support structures.
- Contributed to the successful QA clearance of 20+ MW segments in record turnaround time.
- Maintained 100% traceability of materials through barcode-based logging system.
- Reduced inspection delays by 25% through early coordination with suppliers and lab technicians.
- Achieved full QA compliance in monthly audit by Aqua Power's client-side consultant.

National Engineering Services Pakistan (NESPAK), Pakistan

Position: QA/QC Engineer

Duration: Aug 2018 – Sept 2020

Project: Pak-Turk School Construction Project

Key Responsibilities:

- Ensured material and workmanship compliance for structural, architectural, and finishing works as per NESPAK specifications.
- Conducted daily inspections for concrete, blockwork, plaster, flooring, ceiling, and façade activities.
- Documented and processed inspection requests (WIR/MIR) and coordinated with consultants for approvals.
- Identified quality deviations and issued NCRs with root cause analysis and corrective actions.
- Prepared QA reports, as-built documentation, and supported project handover submissions.
- Monitored subcontractor activities to verify implementation of QA/QC best practices.
- Participated in internal audits and assisted in maintaining QA records and site quality library.
- Achieved timely QA approvals for all 8 zones of the school project without major rejections.
- Reduced quality-related rework by 30% through preventive checks and pre-pour inspections.
- Facilitated smooth client handover by preparing full QA documentation including inspection logs and close-out reports.
- Introduced a checklist-based quality review system that improved issue identification by 45%.

PERSONAL INFO

- Iqama Status: Transferable
- Driving License: Available

LANGUAGES PROFICIENCY

- Proficient in English, Urdu, Pashto and Arabic

REFERENCES

- References will be provided on demands.