

Muhammad Rahman

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PROFESSIONAL SUMMARY

Highly skilled Civil Engineer with over 7+ years of experience in construction and quality assurance/quality control (QA/QC) across diverse projects in Saudi Arabia and Pakistan. Proficient in managing project quality, ensuring compliance with industry standards, and overseeing site construction activities. Expertise in preparing inspection reports, conducting inspections, and reviewing project specifications for quality assurance.

Skilled in site supervision, project execution, and construction management. Adept at managing QA/QC documentation, resolving non-compliance reports (NCRs), and ensuring high-quality standards across all phases of construction projects.

PROFESSIONAL EXPERIENCE

QA/QC Engineer

Kabbani Construction Group (KCG) | Neom, Tabuk, Saudi Arabia

July 2023 - Present

Key Responsibilities:

- Prepare and submit Weekly and Monthly Quality Reports.
- Inspection and test plan, Daily Look-ahead, Two Week Look-ahead, WIR, MIR, MAR and tool box meeting with construction team. Ensuring compliance with project specifications and quality standards.
- Conduct comprehensive inspections of road construction, Calvert work, retaining wall work, concrete structures, and more to assess quality, workmanship, and compliance with design and construction standards.
- Closely monitor construction activities to ensure adherence to approved methods, materials, and procedures; identify deviations and recommend corrective actions as necessary.
- Assist QA/QC Manager with preparation of PQI, KPI, ITPs, and closing Snag/Punch Lists.
- Review project plans and specifications to ensure correct implementation of construction and quality procedures.
- Perform inspections of materials (Category 1, Category 2, and Category 3) for approval, including excavation, steel bars, PC Pipe, and concrete, embankment, and culvert installations.
- Collaborate closely with project engineers, designers, contractors, and regulatory authorities to resolve technical queries, clarify requirements, and ensure project objectives are met.
- Witness concrete pouring and trial mixes to ensure quality compliance.
- Train subcontractor QC inspectors on NEOM's stringent quality requirements.
- Monitor and control all quality activities and ensure compliance with project requirements.
- Resolve NCRs and SORs and manage their documentation and disposition.
- Review third-party quality test results and reports.
- Coordinating with third-party agencies, IPMT, and ETSD.
- Prepare and submit comprehensive quality reports to the QC manager.

QA/QC Engineer

Alfanar Construction | Tabuk, Saudi Arabia

Feb 2023 - July 2023

Key Responsibilities:

- Responsible for the preparation and submission of ITP, MAR, WIR, and MIR reports.
- Managed and maintained QA/QC documentation, including test results, calibration certificates, inspection requests, non-compliance reports, and site instructions.
- Thoroughly review construction drawings, specifications, and technical documents to understand project requirements and identify critical inspection points for quality control.
- Performing pre-inspections of materials and executed work.
- Supervise and manage subcontractors for various activities, including civil work, landscaping, and architectural work.
- Attending walkthroughs and weekly meetings with the construction team and Consultant team.
- Witnessing concrete pouring and conducting trial mixes for concrete.
- Issuing internal site observation reports to the construction team.
- Ensured materials met project specifications and compliance standards, including procurement and testing.
- Developed and implemented method statements with risk assessments and job safety environmental analysis (JSEA).
- Coordinated with consultants, site representatives, and subcontractors for inspections and quality checks.
- Witnessing various quality tests conducted on-site.
- Providing look-ahead reports to the QC Manager.

QC Inspector

Al henna contracting Company | Riyadh, Saudi Arabia

Feb 2021 - Jan 2023

Key Responsibilities:

- Managed QA/QC documentation for projects, including certificates, calibration reports, and test results.
- Inspected Structural and construction activities according to approved drawings and specifications.
- Coordinated with subcontractors and consultants to ensure compliance with quality standards.
- Managed Material Inspection Requests (MIR) and Work Inspection Requests (WIR), ensuring all required quality attachments and consultant approvals were obtained.
- Coordinated with the Consultant for site inspections and collaborated with procurement teams to secure Material Approval (MAT) and Pre-Qualification Documents (PQD).
- Prepared and followed up on daily Requests for Inspection (RFI) and quality reports.
- Ensured all project materials met required specifications and quality standards.
- Ensured seamless coordination with site engineers for inspections and compliance with approved MST during concrete pouring activities.
- Prepared and submitted daily and weekly quality reports to the Quality Manager.

Site Civil Engineer

China Three Gorges Asia Africa Limited (CTGAAL) | Islamabad, Pakistan

Sep 2019 - Dec 2020

Key Responsibilities:

- Supervised various structural construction activities at dam sites, including the construction of dam walls, switchyards, and powerhouses.
- Ensured compliance with safety, quality, and construction standards during the construction of critical infrastructure.
- Optimized resource allocation by efficiently managing materials, manpower, and equipment, ensuring maximum productivity and cost-effectiveness throughout the project lifecycle.
- Collaborated closely with the procurement team to ensure timely delivery of long and short-lead items, facilitating smooth project execution and avoiding delays.
- Supervise concrete pouring activities, monitor deliveries, and perform necessary tests on-site to confirm compliance with project standards and specifications.
- Managed inspection activities and submitted daily/monthly reports, inspection requests, and work progress reports.
- Supervised the installation of wire mesh, shotcrete, and steel girders for structural stability.
- Coordinated with QC team and subcontractors for efficient project execution.

Site Engineer

Karot Hydropower Project | Islamabad, Pakistan

Jan 2019 - Aug 2019

Key Responsibilities:

- Supervised the construction of the dam wall, powerhouses, and other critical infrastructure components.
- Prepared inspection reports, coordinated with project engineers, and followed up on inspections.
- Conducted regular inspections to ensure compliance with project specifications and safety standards.
- Managed daily construction operations, including tunnel drilling, grouting, blasting, and mucking activities.

SKILLS AND COMPETENCES

- **Construction Management:** Project execution, site supervision, structural inspections, risk assessment
- **Quality Assurance/Control:** Inspection, testing, documentation, compliance management
- **Software Tools:** Microsoft Excel, Microsoft Office, AutoCAD, Project Management Software
- **Technical Skills:** Material testing, inspection, calibration, non-compliance resolution
- **Health and Safety:** Job Safety Analysis (JSA), environmental assessments, safety inspections
- **QA/QC Management**
- **Site Supervision**
- **Inspection and Testing Procedures (ITP, MIR, WIR)**
- **Project Documentation and Reporting**
- **Non-Compliance Report (NCR) Resolution**
- **Construction Quality Assurance**
- **Material Inspection and Approval**
- **Risk Assessment and Method Statements**
- **Subcontractor Coordination**
- **Health and Safety Compliance**
- **Material Procurement and Specifications**
- **Construction Management and Site Execution**

- **Contract Management**
- **Structural Inspections**
- **Project Progress Monitoring**

EDUCATION

- **Bachelor's degree in civil engineering**
The University of Lahore | Lahore, Pakistan - Aug 2014 - Jan 2019

CERTIFICATES AND TRAINING COURSES

- QMS ISO 9001: 2015 Lead Auditor CQI-IRCA | 2024
- Membership of Saudi Council of Engineering
- NEOM Trojena Approved QA / QC INSPECTOR
- Best Quality inspector Award 2024
- Survey Camp Certificate | 2018

LANGUAGES

- **English** (Professional)
- **Urdu** (Professional)
- **Arabic** (Basic)

REFERENCES

References upon request