

Izhar Ud Din

QA/ QC Engineer Civil

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Nationality: Pakistani

Language Skills: English, Arabic and Urdu

Total years of experience: 13

Saudi Arabia experience: 06

Pakistan experience: 07

QC Engineer experience: 02



Professional Summary:

Results-oriented QA/QC Civil Engineer with 13 years of total experience in construction projects across Saudi Arabia and Pakistan, including 2 years of specialized experience in QC Engineering. Experienced in implementing QA/QC procedures, Inspection and Test Plans (ITPs), material inspections, and quality documentation to ensure compliance with approved drawings, project specifications, and international standards.

Proven background in infrastructure and building projects including dams, tunnels, water and wastewater treatment plants, pipelines, roadworks, parks, and underground utilities. Strong expertise in reinforced concrete works inspection, earthworks, technical submittal review, NCR management, and site quality monitoring.

Skilled in coordinating with consultants, contractors, and multidisciplinary teams to resolve site issues, maintain high construction standards, and ensure project delivery in accordance with quality, safety, and contractual requirements. Proficient in Auto CAD, construction documentation, BOQ verification, and quality reporting with solid knowledge of ACI and ASTM standards

Core Competencies:

- Quality Assurance & Quality Control (QA/QC) Management
- Inspection & Test Plans (ITP) Implementation
- Civil Works Inspection (Concrete, Earthworks, Utilities)
- Material Inspection & Testing Coordination
- Method Statement & Technical Submittal Review
- Non-Conformance Reports (NCR) & Corrective Actions
- Reinforced Concrete Works Inspection
- Underground Utilities (Water, Sewer, Stormwater Networks)
- Infrastructure & Building Construction Quality Control
- Drawings Review & Specification Compliance
- Quality Documentation & Reporting
- Site Inspection & Work Approval Process (IR/MIR/WIR)
- BOQ Verification & Quantity Take-Off
- Coordination with Contractors, Consultants & Clients
- HSE Compliance & Construction Standards
- Knowledge of International Standards (ACI, ASTM)

Professional Experience:

Jun 2025 – Present

Sinoma CDI – Riyadh, KSA

Lenovo Project

QC Engineer Civil

Responsibilities:

- Ensure that all works are inspected and tested in accordance with specified requirements and that all necessary documentation is complete satisfactorily.
- Ensure compliance with industry standards and regulatory requirements, such as ISO standards or ASTM, ACI and local construction codes.
- Perform regular inspections of construction sites to ensure work meets the required specifications and standards.
- Coordinating and supervise testing of materials and structural components to verify their quality.
- Preparing, maintaining, and reviewing quality-related documentation, such as inspection reports, test certificates, and quality control procedures.
- Ensure that all quality documents are up-to-date and accessible to project teams and stakeholders.
- Identify any non-conformance or deviation from quality standards during construction and initiating corrective actions.
- Monitoring and follow up on the resolution of non-conformance issues.
- Verifying that all materials and equipment used in construction are approved and meet specified standards.
- Inspecting incoming materials for compliance with specifications before being used on site.
- Providing guidance and assistance to project teams to resolve quality-related issues.
- Ensure that all deficiencies are addressed before the final approval.
- Monitoring all works in progress and immediately notify the responsible Site Engineer, Supervisor of any activity that may not be in accordance with project specifications.
- Ensure that all inspections and tests are carried out as indicated on the appropriate Inspection and Test Plan (ITP),
- Ensure that all inspections and tests are recorded on the appropriate form or checklist as indicated on the relevant ITP.
- Cooperating fully with Client staff in completing Site inspections.

Sep 2018 – Nov 2024

Pakistan Engineering Services Pvt. Ltd – Lahore, Pakistan

Mingora Greater Water Supply Treatment Plant (30 MGD)

Site Inspector

Responsibilities:

- Conducted thorough inspections of all civil construction activities at the water treatment plant, ensuring that work was executed according to approved engineering drawings, technical specifications, and contract requirements.
- Monitored the extensive pipeline installation works along the 485 km distribution network, checking for proper trenching, pipe laying, jointing, backfilling, and compaction in compliance with project and ADB/KPCIP standards.
- Verified that all construction materials, including pipes, fittings, and concrete, conformed to specified quality benchmarks through regular sampling, testing, and documentation review.
- Coordinated closely with contractors and client representatives to identify, report, and resolve technical or logistical issues on site, minimizing delays and ensuring smooth project progress.
- Prepared comprehensive daily and weekly inspection reports detailing progress, quality observations, non-conformances, and corrective actions to facilitate transparent communication with project management.
- Ensured strict enforcement of health, safety, and environmental (HSE) protocols on site to maintain a safe working environment for all personnel and compliance with local regulations and project requirements.
- Participated in technical meetings and site coordination sessions to support project alignment and address any emerging challenges proactively.

Garuk Storage Dam Project**Site Inspector****Responsibilities:**

- Performed regular site inspections for earth-fill dam construction, ensuring strict compliance with approved drawings, technical specifications, and quality control standards.
- Supervised and monitored the construction of critical hydraulic structures including intake structure, spillway system, labyrinth wall, stilling basin, and side channel, ensuring structural stability and operational functionality.
- Verified material quality and workmanship for embankment works, concrete placement, and associated civil activities through field inspections, testing coordination, and documentation review in accordance with applicable standards.
- Inspected excavation, backfilling, and compaction activities for irrigation channels and access roads to ensure proper density, alignment, and conformance to project specifications.
- Verified cross-sections, elevations, and as-built drawings to ensure accuracy of executed works and compliance with approved design profiles.
- Coordinated effectively with contractors and client representatives to identify, address, and resolve technical, quality, and logistical site issues in a timely manner.
- Prepared and maintained detailed inspection reports, non-conformance reports (NCRs), and progress documentation to support quality assurance and project tracking.

Jul 2017 – Apr 2018

Muhammad Darwish Al Ghabban Est – Riyadh, KSA

Swimming Pool and Office Renovation**Civil Engineer****Responsibilities:**

- Supervised removal of old pool tiles and installation of new tiles, ensuring quality and waterproofing standards.
- Managed pool deck restoration and recoating activities to enhance durability and safety.
- Oversaw filter media refurbishment for operational filtration systems, ensuring improved performance.
- Coordinated with client, sub-contractors and suppliers to maintain project schedule and quality compliance.
- Conducted regular site inspections to enforce safety and quality control measures.
- Prepared progress reports and documented technical aspects for project tracking and client updates.

Installation of Airport Signs, PAPI Light Berm & Underground Cable**QC Engineer****Responsibilities:**

- Conducted QA/QC inspections for construction of protective berms around PAPI lights to ensure compliance with approved drawings, specifications, and aviation safety requirements.
- Verified installation of illuminated sign boards and runway distance markers, ensuring proper alignment, electrical connections, and compliance with project standards.
- Inspected excavation, cable trenching, bedding, and backfilling activities for underground utilities to ensure proper workmanship and adherence to quality standards.
- Reviewed material submittals, method statements, and inspection requests (IRs) prior to execution of works.
- Coordinated with civil, electrical subcontractors, and consultant representatives to carry out inspections and obtain approvals for completed activities.
- Ensured implementation of Inspection and Test Plans (ITPs) and maintained records of inspections and testing activities.

- Issued and followed up on Non-Conformance Reports (NCRs) and corrective actions to ensure quality compliance.
- Prepared inspection reports, QA/QC documentation, and quality records for submission to the consultant and project management.

Feb 2015 – Jul 2017

Jawdat Contracting Co J.S.C – Riyadh, KSA

King Abdullah International Gardens

Civil Site Engineer cum Quantity Surveyor

Responsibilities:

- Supervised construction of car parking areas, including subgrade preparation, pavement layers, and final surface finishing in accordance with approved drawings and specifications.
- Managed installation of potable water, irrigation (non-potable), and stormwater drainage networks, ensuring proper pipe laying, jointing, pressure testing, and system integrity.
- Oversaw construction of manholes, inspection chambers, gullies, and stormwater inlets, verifying levels, gradients, and connections to the drainage network.
- Supervised LV and MV underground cable installation, including trench excavation, sand bedding, protective concrete encasement, warning tape installation, and controlled backfilling.
- Coordinated with civil, electrical, and MEP teams to ensure correct routing, protection, and integration of underground utilities.
- Ensured compliance with QA/QC procedures, Saudi codes, and HSE regulations through regular inspections and site monitoring.
- Monitored contractor manpower, equipment utilization, and daily progress to ensure project milestones and schedules were achieved.
- Prepared quantity take-offs and measurements for civil and infrastructure works based on drawings and specifications.
- Assisted in preparation and verification of Bill of Materials (BOM) for project works.
- Prepared and verified Interim Payment Certificates (IPC) / contractor progress payment applications based on executed quantities.
- Evaluated variation orders, additional works, and change requests, including quantity verification and cost impact analysis.
- Maintained measurement sheets and cost records for project progress tracking and financial control.
- Coordinated with consultants and project management for approval of quantities, variations, and final measurements.
- Assisted in preparation of final account documentation and reconciliation of executed quantities.

Jun 2013 – Jan 2015

GSK Engineering & Construction – Yanbu, KSA

Rehabilitation & Expansion of Sewage Water Treatment Plant (SWTP)

Civil Site Engineer

Responsibilities:

- Supervised complex civil construction activities, including precise execution of blockwork, reinforced concrete works, mortar application, and surface finishing to meet stringent quality standards.
- Coordinated closely with multidisciplinary teams, including contractors, MEP engineers, and quality control inspectors, to troubleshoot site issues and optimize construction sequencing.
- Implemented comprehensive quality assurance and quality control (QA/QC) protocols, including review of method statements, material submittals, and inspection and test plans (ITPs).
- Ensured strict adherence to health, safety, and environmental (HSE) standards, conducting risk assessments and enforcing site safety measures.
- Prepared progress report, and as-built documentation, facilitating transparent communication with project stakeholders and regulatory bodies.

Apr 2011 – Feb 2013

SAMBU Construction Company – Dir Upper, Pakistan

Lowari Tunnel Project

Field Civil Engineer

Responsibilities:

- Supervised excavation works for access roads, slope cutting, and culvert construction, ensuring compliance with approved drawings and project specifications.
- Managed earthworks, slope stabilization, and drainage integration, maintaining proper alignment, levels, and gradients.
- Oversaw installation of wire mesh and rock bolts for slope protection, ensuring slope stability and adherence to design and safety requirements.
- Conducted quality inspections and verification of excavation profiles, culvert placement, and slope protection works in accordance with QA/QC procedures.
- Coordinated with survey teams, contractors, and consultants to resolve technical and site issues efficiently.
- Monitored daily progress, manpower, equipment, and material utilization, ensuring work was executed safely, on schedule, and within project standards.
- Ensured strict compliance with HSE regulations and safety protocols throughout all site activities.

Education:

- Bachelor of Technology (Civil), Preston University Kohat, Pakistan.
 - Diploma of Associate Engineer (Civil), Timergara Polytechnic Institute Timergara, Pakistan
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Technical Skills:

- Auto CAD and Civil 3D
 - SketchUp
 - MS Office
 - Knowledge of ACI and ASTM standard
 - Estimation
 - Survey
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Professional Registration:

- Member of Saudi Council of Engineers
 - Member of National Technology Council Pakistan
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