

# QUAID BIN AZAM

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## SENIOR QA/QC ENGINEER PROFILE

Aspiring for senior-level assignments as Senior Quality Engineer or Quality Manager with organizations of high repute that will accomplish both personal and professional goals

Accomplished professional offering insight experience of over 06 years in handling the gamut of activities such as QA/QC Activities, Quality Management, QC documentation, Site activity Inspections, trouble-shooting, and team building.

### Profile Summary

- **Profile:** High-performance QA/QC professional offering leverage skills in performing quality assurance & control activities to ensure that issues are addressed performance problems identified and resolved.
  - **Career Contour:** Currently associated with Larson & Toubro LLC K.S.A. as Senior QA/QC Engineer. Trusted service record with previous companies as QA/QC Engineer.
- Expertise:** Expert skills in quality control and assurance, especially **Tunnel, 132/33KV Substations, Precast, Infra, Road Works, OHTL, Solar PV Ramming, Tracker, Module, Cleaning Robot, Power Sector, High-Rise, Buildings, Residential Houses**. Skilled in new method development, validation, and verification of analytical procedures
- **Proficiency Matrix:** Defining best practices and interfacing during all phases of work lifecycle; proven track record in leadership and management of a wide range of complex activities.
  - **Awards/Achievements:** Two-time Quality Award winner year 2022 & 2023 Awarded by Larson & Toubro. The distinction in BE Engineering.

### Foundational Skills

Strategic Support ■ QA/ QC ■ Plans & Procedures ■ Quality Control in Civil ■ Troubleshooting ■ Material Inspection ■ Client Management ■ Process Improvement ■ Standardized and validated the procedures ■ Liaison & Coordination ■ Leadership Acumen ■ Team Coordination ■ Quality management system ■ Maintenance and Calibration ■ Quality Audits ■ Scrutinizing Drawings ■ Sound knowledge of think project ■ Quality tools implementation

### Career Review

**Position :** Sr. Civil QA/QC Engineer

**Organization:** Larsen & Toubro LLC Saudi Arabia

**Client:** ACWA Power

**Project Name:** AR RASS-II 2000MW SOLAR PV IPP & 1500MW KHUSHYBI PV IPP

### Key Deliverables:

- Responsible for ensuring the quality and compliance of construction projects by conducting inspections, tests, and assessments. Responsible for verifying that all construction activities adhere to established standards and procedures, contributing to the delivery of high-quality projects that meet client specifications and regulatory requirements.
- Responsible for implementation of QC Plan and IMS procedures.
- Inspection and Testing Conduct inspections and quality control checks at various stages of construction to ensure compliance with project specifications, codes, and industry standards.
- Make sure of the latest revision of IFC/ Approved Shop Drawings with the construction team for execution.
- Inspect the Site Executions as per the approved ITP, Method Statement and ensure that all the Items on the Checklist verified on site.
- Review the construction Drawing and scope of work, if required raise RFI for clarification.
- Verify that materials, equipment, and workmanship meet established quality standards.
- Inspect all the receiving materials on site based on the approved submittals.

- Stop the Site Activity if the Works are not carried out as per the Contract requirements or approved Method statements.
- Issue the Nonconformance Notice to the works against the deficiency.
- Perform non-destructive testing and inspections using appropriate tools and equipment.
- Document inspection results, deviations, and non-conformities, and report them to the QA/QC Engineer.
- Ensure that all the deficiencies are properly recorded, and corrective action taken accordingly.
- Collaborate with project teams to address and resolve quality-related issues promptly
- Track and monitor the status of corrective actions to address identified non-conformities. Compliance and Process Improvement
- Ensure that construction activities comply with relevant safety regulations and quality management procedures.
- Implement the approved QC Plan, Project Control Procedures and IMS procedures as required for the Project site.
- Ensure that the Charge Hand or Foreman understand the ITP, Quality Requirements.
- Identify areas for process improvement and provide input to enhance quality control protocols.
- Collaborate with project teams to proactively prevent and control non-conformance.
- Assist in the development and revision of quality control procedures and work instructions.
- Stay updated on industry standards, codes, and best practices related to construction quality assurance and control.
- Conduct inspection of quality equipment and tools, and ensure they are calibrated, maintained, and used correctly.
- Training and Support Provide support to construction personnel to ensure they understand and adhere to quality standards and procedures.
- Collaborate with QA/QC Team in conducting training sessions and workshops on quality related topics.
- Assist in the orientation and onboarding of new team members regarding quality control processes, as directed by QA/QC Engineer / Manager.
- Foster a culture of continuous improvement in quality practices throughout the team and construction personnel / laborers.
- Create and implement planning processes. Supervised overall operations, designed strategic plans based on forecasts, and provided improvement recommendations.
- Execute the company's Quality Management System approved worked procedure, technical project specification, and Standards to achieve the required quality. Assure the quality, design, and customer requirements are fulfilled for all project procurement.
- Develop daily/weekly quality reports and submission to client/consultant and Q.C. Manager for review and record.
- Manage a complete portfolio of projects, including cost budgeting, planning, and execution of projects; performing tasks within a project scoping document; administering all aspects of an ongoing program/project, including resources.
- Supervise entire operations, ensuring timely execution while adhering to the company's guidelines. Identifying and implementing process improvements to increase efficiency and accuracy. Carried out the implementation of companies' Quality Assurance policies and procedures following ISO 9001:2015 requirements.
- Prepare quality-related documents like Project Quality Plan, Inspection and Test Plan, Method Statement, Checklist, and other forms.
- Coordinate with the Independent Testing Laboratory for material testing, follow-up for test reports, and submit to the consultant.
- Outline and implement Systems, Processes, and Tools for achieving optimum quality. Obtained and verified the quality records and maintain them in a traceable, easily retrievable, and safe manner. Maintain proper log for the records.
- Manage the implementation of best practices in all relevant business functions ensuring fulfillment of business requirements while delivering quality service in line with company vision, mission, and strategy.
- Witness the F.A.T. of the local equipment along with the client.
- Conduct the surveillance and Inspection for installation of all the equipment and instruments of the 132Kv Substation
- Close all punch lists, prepare as-built drawings, and complete handover of all operation spare parts as per client approved M.R.R. Review material submittals and issue inspection reports and release certificates.

**Projects:**

**2) Position Held:** Sr. Civil QA/QC Engineer

**Organization:** Larsen & Toubro LLC Saudi Arabia **Client:** ACWA Power

**Project Name:** AR RASS 1 700MW SOLAR PV IPP

**3) Position Held:** Civil QA/QC Engineer

**Organization:** A. S. Alsyed & Partners Contracting Co.

**Project:** Housing Society Project at University of Najran, Saudia Arabia **Client:** University of Najran. **Duration:** May 2022 to Jan 2023

**4) Position Held:** Civil QA/QC Engineer (**Tunnel**) **Organization:** Associated Consulting Engineers (Ace) Limited (Pakistan)

**Project Name:** Mohamad Dam & HP **Client:** Water & Power Development Authority (WAPDA). **Duration:** Sep 2021 To April 2022

**5) Position Held:** Civil QA/QC Engineer (**HIGH RISE BUILDING**)

**Organization:** Kings Group Builder & Developer (KG) Karachi(Pakistan) **Project:** Airport Security Force(ASF) Tower Karachi **Duration:** Oct 2019 to Sep 2021

**Key Deliverables:**

- Preparation of Method Statements (MS) Field Quality Plan (FQP) Factory Acceptance Test Plan (FAT) Installation Checklist (ICL) Commissioning Checklist (CCL) Site Acceptance Test (SAT) Project Quality Plans, Quality Control Plans and Project Quality Procedures which guarantee compliance with contractual requirements and ISO Standards. Schedule inspection of works in coordination with the Site Engineer
- Precast supervision of substation buildings at **Eastern Precast Factory Dammam**. Precast supervision of lighting pole at **Al-Muthana Precast Factory Riyadh**. Supervised precast bearing wall panels, HC & TT slab castings at precast Factory. Verification of dimensions embedded items, steel reinforcement, openings, etc. in precast elements prior to casting with ACWA POWER representative.
- Supervising Precast TT & HC Slabs Pre-stressing activities. Check on Pre-stressing procedures, including Elongation and jacking Force Calculations. Check on concrete raw material test reports & and submit them on a monthly basis to the ACWA POWER representative.
- Verification during inspections on precast shop drawings with approved drawings prior to casting. Check on Precast batch plant scale calibrations. Check on Precast Laboratory.
- Witnessing Concrete Sampling and fresh Concrete sampling as per standards. Witnessing concrete compressive strength testing at an approved third-party laboratory.
- After due dates, Final inspections including dimensional & and finishing tolerance at the precast factory yard area prior to releasing precast elements to the project site. Ensuring work done at site is as per the approved method statement, and all ASTM & KSA standards are met.
- Ensuring the best quality of installation during the construction stage, being a bridge between the client and our construction, and giving continuous feedback to the construction team
- Inspecting the progress with clients and, ensuring satisfaction of work.
- Prepare and maintain inspection logs, and records, and obtain approval from the client. Inspecting the calibration certificates of measuring tools. Maintain third-party testing reports.
- Review Quality Control records and ensure correctness.
- Developing and implementing quality standards.
- Submitting pre-qualifications and MAR (Materials approval request) to the consultant. Submitting WIR (work inspection request) and MIR (materials inspection request)
- Witnessing during calibration of instrument, counter checking of instrument data sheet. Witnessing of process and FDT (Field Density Testing). Preparation of hand - over document prior to project close out.
- Conducting final inspection with Client's representative prior to proceed concrete pouring and other succeeding work activities which requires step by step inspection as per inspection and testing procedures as per approved I.T.P.
- To witness applicable tests conducted on concrete, soil, asphalt, water including concrete slump, temperature, soil sampling, FDT, DFT, TDS, Plate load test, Prime coat, tack coat, Concrete Core and UPV Tests as per required specifications and standards. Monitoring and inspection of honeycomb & Segregation on concrete area prior to surface preparation.
- Inspection of surface preparation for the footings, pedestals, foundation and retaining wall prior to the application of waterproof bituminous coat. Inspection of waterproof bituminous coating applications on foundation and giving clearance for back filling.
- To review laboratory testing and survey reports prior to inspection Monitoring and surveillance on site to control the quality of work being implemented by the construction team. Preparing weekly quality report of inspection activities.

**Education & Credentials**

**BACHELORS IN CIVIL ENGINEERING.**

NED University of Engineering & Technology Karachi, Pakistan.

**Technical Proficiency:**

- Well-versed with M.S. Office, Word, and Excel

**Personal Details**

**Nationality:** Pakistani| **Current Location:** Suadia Arabia