

## Sangeen Khan

B.Sc. Civil Engineering, M.S Geotechnical Engineering  
QA/QC Engineer (Civil and Architecture)  
Saudi Council of Engineer (SCE) 1014686 &  
Pakistan Engineering Council 40146 (Registered)  
ISO 9001-2015 QMS Lead Auditor (IRCA-CQI) certified  
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Experience: 10 years  
Address : Tabuk, KSA  
Iqama: Transferable



### **PROFESSIONAL Summary:**

I have 10 years of experience in the construction industry as Civil QA/QC Engineer, QA/QC Engineer, with a strong passion for mega construction projects. My expertise lies in construction of tunnels, roads, buildings, water supply schemes including diverse shapes and sizes, excavation, and support works. Passionate, highly motivated, strategic and results driven with a proven track record of leading role to achieve and surpass business objectives. Adept at developing and executing innovative strategies success.

### **SKILLS:**

- Site Supervision.
- Quality Assurance and Quality Control.
- Strategic Planning.
- Quality Management, Compliance and Ethics.
- Health and Safety.
- Project Documentation.

### **PROFESSIONAL EXPERIENCE**

**Employer:** FCC Construcción

**Position:** QA/QC Engineer

**Duration:** July 2023 to February 2025

**Project:** NEOM Spine Infrastructure – Running Tunnels (Mountain Section) Lots 2 and 3  
at NEOM Tabuk, KSA

**Client:** NEOM

**Employer:** Golden Key Contracting Company

**Position:** QA/QC Engineer

**Duration:** March 2021 to June 2023

**Project:** Highways and Civil Triple Bay North Interchange

**Client:** AMAALA

**Employer:** CDM Smith

**Position:** QA/QC Engineer

**Duration:** January 2018 to February 2021

**Project:** Architect-Engineer Independent Quality Assurance of USAID for FATA and KPRP

**Client:** USAID

**Employer:** Arail Construction & Industrial Co. Limited

**Position:** QA/QC Inspector

**Duration:** November 2016 to November 2017

**Project:** Riyadh Metro Project

**Employer:** M/S Sher Ali Khan & Company

**Position:** Quality Engineer

**Duration:** September 2015 to October 2016

**Project:** Execution of various projects including Judicial Complex, Central Jail, Govt: Boys Degree College, and different road projects in KPK Swat

**Client:** C&W and USAID

### **1. Job Responsibilities at FCC Construcccion:**

- Preparation and supervising Quality Plans ensuring their compliance.
- Attend Weekly and monthly quality review meeting, compilation minute of meeting and ensuring their compliance.
- Assist site manager in day to activities including planning, monitoring and supervision activities time to time.
- Assigning tasks to Inspectors and working closely with related engineering, procurement, construction, fabrication, and repair departments.
- Perform QC activities on Tunnel Excavation (Through Drill and Blast method, Mechanical means) and primary support cycle activities (Shotcrete and Rock bolting activities).
- Quality inspection and testing of all water proofing works i.e Geotextile installation along with Water proofing membrane installation as per approved drawings and site requirements.
- Preparation of WIRs (Work Inspection Requests) and MIRs (Material Inspection Requests) and Conducting inspection with Consultant (Bechtel) and Client (NEOM) as per approved ITPs.
- Insured the full implementation for all the Project's quality control documents such as method statements, ITP's (inspection and testing plans) etc.
- Conducts Quality Control Inspections on site activities, workmanship and materials received on site to ensure their compliance with the contract requirements.
- Controlling all non-conformances reports (NCR) and ensure corrective actions are taken, root causes analysis, and ensuring of preventive actions with execution team.
- Managing and directing technicians of third party regarding all third-party testing requirements.
- Preparing electronic and hard-copy project documentation, its filing and storing in a methodical and secure manner and establish archiving procedures as required.
- Conduction of Concrete and shotcrete Trials along with consultant and Client as per approved ITPs.
- Preparing and maintaining detailed QC records, reports, and documentation.
- Preparation of quality monitoring logs.
- Participation in meetings with clients to discuss quality-related issues and compliance with contractual requirements.

**2. Job Responsibilities at Golden Key Contracting Company:**

- Assuring that the work is performed as required by the contract and meets or exceeds the required qualities.
- Following up the concreting work in a presence of the Engineer or consultant slump test and cube preparation for the compressive test.
- Ensuring that all materials used at site according to project technical specification approved by client.
- Maintaining quality standards for all structural works.
- Provide technical support to project group.
- Supervised the soil tests (sieve analysis, plasticity index, Procter and CBR) at project lab according to ASTM /AASHTO
- Supervised the compaction tests (FDT) at different layers of road structures and backfill material according to ASTM /AASHTO.
- Coordination with all staff and clients for solution of any kind of technical issues. Analyze Construction Problems and recommend corrective measures.

**3. Job Responsibilities at CDM Smith:**

- Complete construction Quality Assurance of buildings and infrastructures from foundation to finished level as per approved project specifications, drawings and BOQs.
- Dealing and coordination with Executing Agencies, Supervisory Consultants and Line Managers.
- Complete documentation review and of the project works in coordination with line Managers
- Reviewing milestones and payment certifications as per the contract requirements of all Building projects, infrastructure (Roads, Flood protection works, head works and bridges) and water supply schemes being executed under these programs.
- Confirming the execute works are complying with the USAID's branding and marking requirements.
- Weekly involvement in Site inspections and monitoring as per approved QA plan.
- Quality Assurance of Infrastructure works, roads, educational institution and water supply schemes.
- Compilation of Minutes of Meetings with Stake holders.
- Participates in the development of job safety practices and in the preparation of safety reports.
- Sampling of samples of various materials for tests and calls for testing as required.
- Quality Management, Health & safety, Compliance & Ethics and work place Harassment Trainings.
- Reporting of environmental related issues as per EPA and USAIDs rules and regulations to Environmental specialist.

**4. Job Responsibilities at Arail Construction & Industrial Co. Limited:**

- Inspecting the execution of works as per the project specifications, drawings and controlling the quality in accordance with the relevant standards, ITP's and QA/QC plans.
- Preparation and maintenance of quality control reports and records
- Responsible for the daily construction operations of the project with the objective of ensuring that preliminary works are executed and passed prior to the commencement of next activity
- Quantities takeoff as well as Calculate the Material breakdown providing technical advice and solving problems on site.
- Submit the daily progress report and make planes to proceed.
- Inspection of Formwork and Reinforcement work for footings and foundation prior to concrete and giving clearance for concrete work.

**5. Job Responsibilities at M/S Sher Ali Khan & Company:**

- Ensure Quality Control as per drawings and project specifications.
- Ensure planning, execution and supervision of architectural & civil structural construction works.
- Performed technical work inspecting utility construction projects, assisting contractors to understand and meet procedures and job specifications, preparing inspection reports, and related work as assigned.
- Ensure quality control on all construction activities while execution.
- Provided guidance, direction, and specialized assistance for the resolution of difficult project control problems.
- Quality Control of Construction materials and daily coordination with concerned Material Engineer.
- Review of drawings, site documentation and preparation of As-Built drawings as per site requirement.
- Supervise construction activities at various stages of multiple projects.
- Arrange the measurement of works in assistance with Quantity Surveyors.
- Inspect project sites to monitor progress and ensure conformance to design specifications and safety.
- Check the quality of materials such as cement, steel, sand, concrete and other construction materials.

**EDUCATION:****Master of Science in Geotechnical Engineering**

National University of Science & Technology Islamabad (MCE Risalpur Campus), Pakistan

**Bachelor of Science in Civil Engineering**

University of Engineering and Technology Peshawar, Pakistan

**Higher Secondary School (Pre-Engineering)**

Swat Public School and College Mingora Swat, Pakistan  
(BISE Swat)

**Secondary School (Science)**

Excelsior College Sangota Swat, Pakistan  
(BISE Swat)

**CERTIFICATION:**

1. CQI/IRCA ISO 9001:2015 Lead Auditor (Quality Management System) Certificate
2. Land Surveying Certificate.

**COMPUTER SKILLS:**

**Management Software:** MS Project, Slide

**Office Tools:** Microsoft Office Suit including MS Word, MS Excel, MS Power Point and MS Outlook

**Design Software:** Auto CAD, ETABS (Basic Knowledge)

**MEMBERSHIPS:**

**1. Saudi Council of Engineering** No. 1014686

**Membership/Role:** Civil Engineer

**Member since:** February 2024

**2. Pakistan Engineering Council License** No. Civil/40146

**Membership/Role:** Registered Engineer

**Member since:** January 2016

**TECHNICAL AND PROFESSIONAL SKILLS:**

- Project Management,
- Project Panning, Leadership
- Construction Supervision and Monitoring,
- Office Management,
- Construction Material,
- Office Finance,
- Office Logistics,
- Office inventory,
- Team Work Quality Assurance,
- Quality Control and Heath, Safety and Environment.

**TRAINING AND SEMINARS:**

**1. Elevate Your Leadership Skills to Take your Organization to the Next Level** 7<sup>th</sup> April 2022.

**2. Leadership and Engineering Dichotomy or Misunderstanding** 19<sup>TH</sup> June 2021.

**3. Quality Management, Health and Safety, Work Place Harassment and Compliance and Ethics** 7<sup>th</sup> November 2022

**4. English proficiency Certificate-UET Peshawar**

**LANGUAGES:**

Can fluently Speak, Read and Write English, Urdu and Pashto.