

# **SAJJAD RASOOL**

## **Quality Inspector**

**Salini-Saudi Arabia**

**Location: Riyadh, Saudi Arabia**

**Total Experience: 18 Years**

### **Contact Information**

**Name:** Sajjad Rasool

**Location:** Riyadh, Saudi Arabia

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### **Personal Information**

**Date of Birth:** 15 December 1985

**Nationality:** Pakistan

**Current Residence Country:** Riyadh, Saudi Arabia

**Visa Status:** Residency Visa (Transferable)

**Marital Status:** Married

**Driving License Issued From:** Saudi Arabia

### **Education**

#### **Diploma of Associate in Civil Engineering**

Punjab Board, Pakistan

#### **Diploma in Civil Material Testing Laboratory**

KPK Board, Pakistan

#### **Material Engineering Certification:**

Materials Engineering Certification from Descon Engineering Pvt Ltd  
Lahore, Pakistan

#### **ACI-Concrete Certification:**

**Location:** ACI Grade 1 (Riyadh-Saudi Arabia)

#### **ACI-Membership:**

**Membership/Role:** Student

**Member since:** April 2012

### **Professional Summary**

Highly experienced and skilled **Quality Inspector** with **18 Years** of experience in ensuring compliance with construction/industry standards and project specifications. Proven track record of delivering high-quality structure site inspections and tests, with a strong focus on quality control and quality assurance. Excellent communication and problem-solving skills, with the ability to work effectively with managers, engineers, and other stakeholders.

I'm looking for a demanding role that leverages my extensive experience in site inspections, quality control, materials inspections, quality verification, material testing, and construction management to deliver high-quality results on prestigious projects.

### **Skills**

1. Knowledge of quality control principles, including statistical process control, sampling plans, and inspection methods.
2. Ability to analyze data and test results to identify trends and patterns.
3. Ability to manage time effectively to meet inspection deadlines and priorities.
4. Understanding material quality verification by testing and analysis methods.
5. Strong technical knowledge of construction project quality, structure inspections, runways work inspections, earthwork, piling, roadwork, and sewerage pipelines inspections, materials inspections and testing procedures, including Concrete, asphalt, soil, cementitious materials and aggregate material quality verification by testing.
6. Excellent analytical and problem-solving skills, with experience troubleshooting and resolving inspection & testing issues.
7. Strong communication and interpersonal skills, with experience working with clients, engineers, and other stakeholders.
8. Ability to work in a fast-paced environment and meet deadlines.
9. Excellent leadership and management skills, with experience supervising and training of the site working team.
10. Extensive knowledge of national & international standards (ASTM, AASHTO, BS, ACI,) & project specifications.
11. Conducting site inspections and quality control checks.
12. Verifying that site work compliance as per drawing.
13. Managing quality assurance processes.

## **Current Responsibilities with Salini Saudi Arabia at Diriyah Project Riyadh as Quality Inspector**

I am working with the **QA/QC Manager** to develop and deploy quality plans, processes, and standards across the program. My responsibilities included maintaining accurate quality records, providing training and guidance on quality procedures, and identifying potential risks. To ensure compliance, I conduct regular audits and site inspections, verified material quality through submittal approvals and testing, and analyzed test results to identify trends. My goal is to ensure site structure work and materials meet client requirements, driving quality and excellence in project delivery.

I ensure compliance with site structure inspections, construction, and engineering materials by adhering to approved drawings, standards, and specifications. My focus is on guaranteeing the quality, safety, and reliability of the project while ensuring strict compliance with project specifications, industry standards, and regulatory requirements.

Conducting comprehensive inspections, sampling, and testing construction and engineering materials to ensure compliance with project specifications and international standards.

Conducting comprehensive inspections, sampling, and testing construction and engineering materials such as **Structural Inspections, Reinforcement Inspections, , Masonry Work & Material Inspections, Earth Work Inspections, Road Work Inspections, Materials Inspections, Concrete Coarse & Fine Materials Inspections, Cementitious Materials of Concrete Inspections, Concrete/Asphalt Materials Sampling, Testing & Inspections at Site/Laboratory & quality verification by testing according to international standards like ASTM, AASHTO, BSI, ACI. Asphalt Work & Material Inspections, Construction Chemicals Inspections, Asphaltic Materials Inspections, Bitumen's Materials Inspections, Grouting Work & Materials Inspections, Concrete Repairing Work & Materials Inspections, Epoxy Work & Materials Inspections, Soil Work & Materials Inspections, Building Plaster & Paints Work & Materials Inspections, Glass Work & Materials Inspections, PVC Waterstops (Internal & External Materials) Work & Materials Inspections, Formwork Inspections, Bonding Agent Materials Inspections, Concrete Curing Compound Materials Inspections, Anchoring Materials Inspections, Mechanical Couplers Materials Work & Inspections, Concrete Spacer Materials Inspections, Hy-Rib Materials Inspections, Geotextile Materials Inspections, Cracks Injection Materials Inspections, Sewerage Pipe Lines Materials, & another Construction Materials**, to ensure compliance with project specifications and international standards, including:

- ASTM (American Society for Testing and Materials)
- AASHTO (American Association of State Highway and Transportation Officials)
- ACI (American Concrete Institute)
- BSI (British Standards Institution)
- MRDTM (Materials and Research Department Manual of Materials and Test, Saudi Arabia)
- MOC (Ministry of Communications, Saudi Arabia)

### **Quality Control and Assurance**

- Ensuring compliance with site structure inspections, construction, and engineering materials with approved drawings, standards, and specifications.
- Conducting comprehensive inspections and testing procedures in the field and laboratory to verify materials' strength and quality.
- Coordinating with site engineers to maintain high-quality site work and materials.
- Providing expert technical guidance and solutions for optimal material selection.
- Collaborating with stakeholders to identify and resolve quality issues, improve processes, and optimize resource utilization.
- Developing and implementing comprehensive inspection and material testing plans.
- Conducting thorough site structure inspections and material testing to ensure compliance with international standards and project specifications
- Preparing and managing quality control documents, including Inspection and Test Plans (ITPs), Material Inspection Reports (MIRs), and Material Acceptance Reports (MARs)

### **Quality Control Procedures & Compliance and Improvement**

- Implementing and enforced rigorous quality control procedures to ensure compliance with industry standards and regulatory requirements.
- Reviewing and verifying materials test results to guarantee accuracy and reliability.
- Developing, validating, and implementing comprehensive testing procedures.
- Issuing Inspection Non-Conformance Reports (INCR) and Non-Conformance Reports (NCR) to subcontractors for non-compliant work.
- Reviewing and preparing method statements to ensure safe and controlled work practices.
- Conducting internal audits and risk assessments to identify areas for improvement.
- Identifying and addressed material quality issues, developing corrective action plans to prevent recurrence.
- Maintaining accreditation and certification compliance.
- Ensuring project work activities met project specification & standards and regulatory requirements.

I develop and implement material quality assurance and testing plans, and trained laboratory staff on testing procedures and protocols.

- Mentoring staff and providing guidance to ensure effective performance.
- Conducting workshops and training sessions to enhance staff knowledge and skills.
- Evaluating staff performance and recommending professional development opportunities
- Keeping the laboratory updated with the latest technologies and methodologies

I effectively communicate technical information to stakeholders, including engineers, project managers, and clients, ensuring everyone is informed about project progress.

Key activities included:

- Collaborating with external laboratories for seamless testing and analysis

- Providing technical expertise and guidance in project meetings
- Preparing comprehensive technical reports reflecting test results and project findings
- Maintaining accurate and detailed laboratory records for data integrity

I ensure quality control procedures are thoroughly documented and followed, reviewing laboratory reports for accuracy and reliability.

- Maintaining high standards of data integrity and compliance with project specification & standards.
- Supervising and leading a site team for efficient site work.
- Coordinating laboratory testing schedules to meet project deadlines.
- Implementing and enforcing safety protocols, conducting regular safety inspections.

#### **Site Work and Quality Assurance**

- Supervising construction work and maintaining the quality of materials used on site.
- Conducting regular site inspections and testing to identify and address potential issues or defects.
- Collaborating with site engineers to develop corrective actions and implement quality improvements.

#### **Materials Inspection, Documentation and Testing**

- Inspecting and testing construction materials, including soil, aggregates, bitumen, asphalt, concrete, cementitious materials.
- Conducting sampling and testing of construction materials according to national and international standards (ASTM, AASHTO, MRDTM, MOC, ACI, BIS).
- Reviewing and preparing various quality control documents, including Inspection and Test Plans (ITP), Material Test Schedules (MTS), Material Inspection Reports (MIR), Material Acceptance Reports (MAR), Work Inspection Reports (WIR), and Checklists, as per project requirements.
- Obtaining approvals for materials that meet the required standards and specifications and ensuring that all materials are properly documented and recorded. Collaborating with procurement engineers and materials suppliers to resolve any issues or defects related to materials quality or supply and implementing corrective actions to prevent recurrence.

#### **Batching Plants Production & Materials Quality Control**

- Inspecting and monitoring asphalt and concrete production from batching plants to ensure compliance with project specification & industry standards.
- Monitoring concrete and asphalt batching plant activity and production.
- Ensuring compliance of materials with project requirements and specifications.
- Conducting sampling and testing of batching plants (asphalt & concrete) raw materials according to project specification frequency.
- Preparing asphalt job mix formula designs and concrete mix designs according to project requirements.

#### **Technical Support and Troubleshooting**

- Providing technical support to engineers and troubleshoot asphalt and concrete problems.
- Conducting trial mixes of concrete and asphalt to obtain design approval

#### **Concrete Mix Designing for Structures**

Experienced in quality testing and monitoring of concrete materials, including coarse and fine aggregates, cementitious materials, and admixtures. Skilled in designing concrete mix designs according to ACI standards, including:

- 1: High strength concrete mix designs according to structure/specification requirements.
- 2: Early strength concrete mix designs, according to structure/specification requirements.
- 3: Low strength concrete mix designs, according to structure/specification requirements.
- 4: Low density concrete mix designs, according to structure/specification requirements.
- 5: High density concrete mix designs, according to structure/specification requirements.
- 6: Self-Consolidation Concrete mix designs, according to structure/specification requirements.
- 7: Shotcrete Mix Designs, according to structure/specification requirements.

#### **Asphalt Job Mix Formula (JMF) For Road:**

Specialized in quality testing of asphalt materials, including coarse and fine aggregates and bitumen. Experienced in designing Asphalt (Job Mix Formula) Mix Designs for:

- 1: - Asphalt Base Course
- 2: - Asphalt Wearing Course

Proficient in working with industry standards, including ASTM, AASHTO, MOC, MRDTM, and Asphalt Manual Series-2

#### **Reporting and Progress Tracking**

Preparing comprehensive reports to track progress and identify areas for improvement, including:

- Daily site activity reports/logs
- Weekly progress reports/logs
- Monthly summary reports
- Materials testing reports/logs
- Work activity reports/logs

These reports ensure effective project monitoring and control.

#### **Equipment Maintenance, Calibration, Testing and Standards Compliance**

- Performing structural inspections at site and structure & materials testing in accordance with international standards (ASTM, BS, ACI, MRDTM, MOC, AASHTO)
- Analyzing test data and taking corrective action to prevent non-conforming test results.
- Maintaining accurate documentation and controlled data.
- Ensuring testing & batching plants equipment properly calibrated and maintained.

#### **Training and Development**

- Developing and implementing training programs for succession planning

## **Professional Experience Summary (18 years) with Companies**

**Company: Salini Saudi Arabia**

**Designation: Quality Inspector**

**Location: Riyadh, Saudi Arabia**

**Job Role: Site Structural Inspections, Materials Inspections, Testing, Quality Control & Documentation.**

**Project: Diriyah Gate Development Authority (DGDA) - Diriyah-Riyadh-Saudi Arabia**

**Jan 2023 – Continue**

**Company: ABV Rock Group**

**Designation: Material Inspector**

**Location: Riyadh, Saudi Arabia**

**Job Role: Site Structural Inspections, Materials Inspections, Testing, Quality Control & Documentation.**

**Project: Security Forces Medical Center (Salbouk) Riyadh-Saudi Arabia**

**Jan 2020 - Dec 2022**

**Company: Saudi Bin Ladin Group (ABCD)**

**Designation: Material Inspector**

**Location: Riyadh, Saudi Arabia**

**Job Role: Site Structural Inspections, Materials Inspections, Testing, Quality Control & Documentation.**

**Project: Capital Marketing Authority Tower (CMA) in King Abdullah Financial District Riyadh-Saudi Arabia**

**Sept 2014 - Dec 2019**

**Company: Saudi Oger (Pvt) Ltd**

**Designation: Quality Inspector**

**Location: Riyadh, Saudi Arabia**

**Job Role: Site Structural Inspections, Materials Inspections, Testing, Quality Control & Documentation.**

**Project: Princess Noura University-Riyadh, Saudi Arabia**

**July 2010 - August 2014**

**Company: Descon Engineering Ltd**

**Designation: Material Inspector**

**Location: Pakistan-Sindh**

**Job Role: Site Structural Inspections, Materials Inspections, Testing, Quality Control & Documentation.**

**Project: Engro Power Plant Sindh-Dahrki-Pakistan**

**June 2006 - June 2010**