

## Muhammad Tahir Shah

QA /QC Inspector (Civil)



- 📍 **Current Location:** Doha, Qatar
- 📞 **Mobile:** 00974-71252633
- ✉️ **Email:** tahirokz.101@gmail.com
- 🇵🇰 **Nationality:** Pakistani
- 🛂 **Visa Status:** Ready to relocate
- 🎓 **Degree:** BSc Geology | PG Diploma in Civil Materials Testing
- 🗣️ **Languages:** English, Urdu, Arabic

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### □ Professional Summary

Dedicated and detail-oriented **QC/Material Inspector** with over **5 years** of experience in civil construction projects, including **soil, aggregate, asphalt, and concrete testing**, and **asphalt mix design**. Hands-on expertise in **site & lab testing procedures, quality control, and compliance with international standards** (ASTM, AASHTO, BS, etc.).

Looking for a stable opportunity in a dynamic organization contributing to **Saudi Arabia's Vision 2030** projects.

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### 🔧 Key Skills

- Asphalt Mix Design for all kind of binder 60/70, PMB, Crumb (Marshall, Superpave)
- Soil Classification & Compaction Testing
- Concrete Strength Testing (Cube, Core)
- Aggregate Testing (Sieve Analysis, Sp. Gravity, LAA, Sand Equivalent)
- Asphalt Testing (Bitumen content, Gmm, Gmb, Stability)
- Field & Laboratory Testing
- Quality Assurance / Quality Control
- Equipment Used: Marshall Apparatus, Sieves, Compression Testing Machine, FDT Apparatus
- Standards: ASTM, BS, AASHTO

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### □ Professional Experience

1. **Material Inspector**  
**Pavron Consulting Engineers – Pakistan**
  - 📅 **July 2020 – April 2023**

**2. Quality Control Inspector**  
**Qatar Building Company (QBC) – Qatar**  
□  **May 2023 – Present**

**Key Responsibilities:**

- **Conducting Comprehensive Site Inspections:**  
Responsible for initiating and performing all Inspection according to Inspection and Test Plan (ITPs) for civil infrastructure and road works, method statement preparation (MS), NCR raising and following up, preparation of RFI/WIR, ensuring adherence to approved construction drawings, specifications, and project quality plans.
- **Material Inspection Requests (MIR):**  
Coordinating and arranging all Material Inspection Requests (MIR) and securing approvals from the Supervision Consultant, ensuring material compliance with project specifications.
- **Material Quality Verification:**  
Expert in inspecting and verifying all incoming construction materials including aggregates, concrete, asphalt, geotextiles, reinforcement, and structural components, ensuring compliance with relevant technical specifications and standards (e.g., ASTM, AASHTO, BS).
- **Laboratory & Field Testing:**  
Proficient in conducting and supervising various laboratory and in-situ tests for materials such as:
  - **Soil:** Field Density Test (FDT), Proctor, CBR
  - **Subgrade/Sub-base/Road Base:** Gradation, Moisture Content, Atterberg Limits
  - **Concrete:** Slump Test, Cube Casting, Compressive Strength (7 & 28 days)
  - **Asphalt:** Core Cutting, Bitumen Extraction, Gradation Analysis, Marshall Stability & Density
- **Mix Design Evaluation:**  
Reviewing and verifying mix designs for Subgrade, Sub-base, Road Base, Concrete, and Asphalt as per international and project specifications, including NHA, QCS 2014 Etc.
- **QA/QC Documentation & Reporting:**  
Preparing, maintaining, and updating all QA/QC records including Inspection Requests (INRs), Material Submittals, Test Reports, Calibration Certificates, and Laboratory Equipment Logs. Preparing daily, weekly, and monthly QA/QC progress reports.
- **Supervision of Material Production Sources:**  
Overseeing the production and supply of materials from crushers and quarries, ensuring consistent quality and compliance with project requirements across different project sites.
- **Coordination with Project Stakeholders:**  
Liaising effectively with contractors, consultants, laboratories, and suppliers to ensure smooth quality control workflows and timely resolution of quality issues.

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 **Education**

**Bachelor of Science in Geology**  
Bacha Khan University, Pakistan – 2020

**Post Graduate Diploma in Civil Material Testing**  
Construction Training Institute (CTTI), Pakistan