

Muhammad Usman Mukhtar

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Quality Control specialist with over 13 years' experience in infrastructure and water quality projects. Proven expertise in quality assurance, compliance auditing, and project supervision. Certified ISO Lead Auditor skilled in identifying improvement opportunities and supporting project success. Seeking a senior role to leverage technical skills and leadership in driving quality excellence.

Education

- **Diploma of Education (Business Management) London College of IT Management, UK, 2013**
- **Diploma of Education (ESOL) College of East London, UK, 2012**
- **Diploma in Associate Engineering (Civil) — PBTE Pakistan, 2010**
- **Matriculation — BSEK Pakistan, 2007**

Professional Experience

Alkhorayef Water & Power Technologies, KSA

Quality Control Engineer (Civil) – Jan 2019 to Present

- Supervised civil construction of water quality infrastructure: storage tanks, pump stations, and underground utilities.
- Managed earthworks: excavation, backfilling, grading, compaction for pipelines and structural installations.
- Conducted inspections on pipeline materials (GRP, VC, uPVC, DI, HDPE) for potable water, sewer, stormwater, and irrigation systems.
- Oversaw QC of reinforced concrete elements including foundations, slabs, columns, beams, and equipment bases.
- Reviewed and approved project documentation: method statements, ITPs, technical submittals.
- Coordinated testing: FDT, RDT, concrete sampling, hydrostatic pressure tests.
- Issued and managed inspection reports, NCRs, and corrective action follow-ups.
- Monitoring & Manage Purchasing Request, Purchasing Order, Letter of credit.

Saudi Binladin Group, KSA

Senior QA/QC Inspector - Civil – Aug 2017 to Oct 2018

- Monitored construction and material installation for compliance with specifications and quality standards.
- Prepared inspection requests, testing plans, and method statements for civil and precast works.
- Coordinated with consultants and contractors to address NCRs and inspection queries.

NESPAK Consultant, Pakistan

Sub Engineer / Civil Inspector – Jan 2017 to May 2017

- Inspected metro line building structures, including piers, beams, and slabs for structural integrity.
- Conducted geotechnical and material testing for foundations, concrete, asphalt, and steel.
- Prepared quality documentation and enforced HSE compliance.

Al Habtoor STFA Soil Group (HSSG), UAE

Civil QC Engineer – Jan 2016 to Dec 2016

- Supervised daily QC operations for concrete piles, pile caps, and steel works.
- Performed specialized foundation integrity testing (CSL, PIT).

Vision Networks Co. (Saudi Binladin Group), KSA

Civil Inspector – Aug 2013 to Aug 2015

- Inspected reinforced concrete underground structures and extensive earthworks.
- Managed on-site testing and material inspections ensuring quality standards

Top Gift UK, United Kingdom

Team Leader – Feb 2011 to Feb 2013

- Conducted warehouse inspections and renovation assessments.
- Managed documentation of project events and led a supervisory team.

EDEN Housing, Pakistan

Civil Site Supervisor – Feb 2009 to Dec 2009

- Managed construction of mosques, villas, and road infrastructure including asphalt works.
- Conducted planting and surveying for landscaping and site accuracy.

Key Project's With Alkhorayef Water & Power

1- Water Quality Improvement Project (Dammam, Khobar, Qatif)

Consultant: ILF Consultant Engineer

Client: National Water Company (NWC)

Project Description: Quality Supervision of Water Quality Project MEP Projects -10 Pumps along with steel Water Reservoirs with Pump Station and 150 km Pipeline) having complete development infrastructure works including all underground Tanks along with the development of roads street walkway asphalt and concrete pavements.

2- Riyadh Airport upgrading of Sewage Network

QA/QC Engineer- Infrastructure Consultant: WSP

Client: Riyadh Airport Authority (RAC)

Project Description: Quality Supervision of construction of 2 Pump Station, concrete Manholes, Chambers, and sewage pipeline 20Km & roads. The fundamental facilities and systems serving our project include the necessary services and facilities.

Responsibilities

- Project documents which include method statements, safe work procedures & all other project documents.
- Responsibilities include supervision of all sites related works – which includes Earth works, underground Utilities and their Structures – Sewer, Storm Water Drainage, Potable Water, Irrigation Network, reviewing of method statements, technical submittals, ITPs, shop drawings.
- Conduct inspection and tests for Earth works Embankment, Roadbed and Sub grade.
- Supervising Field and Laboratory Tests for Soil, Asphaltic works, and all types of concrete works.
- Completely responsible for Precast Manholes & Chamber' reinforcing steel installation & Concrete with factory & third party.
- Inspecting Road Work activity, especially aggregate Base Courses and asphaltting work, Ensuring compliance with Quality.

3- QIDDIAH Treated Water Sewage Line

QC Inspector Civil

Client & Consultant: Client: Qiddiya Investment Company /NWC

Project Description: Supervision of installation of DI Pipeline Project which includes overall 3-Km of supply water from Dirab Pump station to Qiddiya, along with roads works including Construction of Chambers and Pump station, Irrigation Water Network.

4- Rental Ro Plant in Rabigh, Shoaiba, South Jeddah Power Plant

QHSE Inspector (Permit Receiver)

Client & Consultant: Saudi Electric Company

Project Description: Supervision of installation of RO System & uPvc & GRP Pipeline Project which includes overall 4MLD water to desal water to clients daily at SEC Rabigh Power plant, along with roads works including Construction of Chambers and Pump station, Irrigation Water Network.

Riyadh Metro

Senior Civil Inspector

Client: FAST Consortium /FCC Project Description:

Supervision of Riyadh Metro Project overall 10.0 Sq. Km Area with the cost of 1.10 billion Saudi Riyal having Complete development infrastructure works including all underground utilities of sewerage, storm water, telephone, electricity, along with the development of roads street walkway asphalt and concrete pavements.

Responsibilities:

- Responsibilities include supervision of all sites related works – which includes Earth works, underground Utilities and their Structures – Sewer, Storm Water Drainage, Potable Water, Irrigation Network.
- Reviewing method statements, technical submittals, ITPs, shop drawings. Inspecting Daily Activities of contractor.
- Supervising Field and Laboratory Tests for Soil, Asphaltic works, and concrete works. Conduct Supervision for Sewer, Storm, Potable and irrigation Pipe's installation.
- Inspecting work for Manholes' reinforcing steel installation & Rehabilitation work.
- Inspecting hydro test, Air Leak Tests, and water gravity test for different Utility pipes of the project. Inspecting work Lamination of GRP pipes & Grouting of VC Pipes.
- Inspection of structural work for different various structures of the project.
- Checking and measuring the quality of before poured and after finished concrete. Supervising & Inspection of the work for Pre-Cast concrete structure.
- Conduct inspection and tests for Earth works Embankment, Roadbed and Sub grade.
- Inspecting Road Work activity especially for Aggregate Base Courses and asphaltting work. Preparing Daily and weekly Progress Reports.
- Ensuring compliance with Quality Standard.

Certifications

- ISO 9001:2015 Lead Auditor (IRCA)
- ISO 14001:2015 Lead Auditor (IRCA)
- OSHA/HSE Training & Crane Safe Operation
- Concrete Testing & Quality Management Courses
- Documentation Management System (DMS) – ONSITE Experts

Skills

- Quality Control & Assurance
- Concrete Technology & Testing
- Earthworks & Infrastructure Supervision
- Pipeline Installation (GRP, VC, uPVC, DI, HDPE)
- Method Statements, ITPs, NCRs & Reporting
- AutoCAD & Civil 3D
- Microsoft Office Suite
- Communication & Team Leadership
- HSE Compliance

Personal Details

- Nationality : Pakistani
- Visa : Transferable
- Languages : Urdu, Arabic, English
- Professional Registration : Saudi Council of Engineers (SCE)
- Dependents : 03 (Family Resident VISA)