

# MUHAMMAD YOUSAF

Civil Engineer | QA/QC Engineer

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Transferable Iqama

## SUMMARY

Dedicated QA/QC Civil Engineer with proven expertise in quality assurance and control across infrastructure, building, and solar projects. Skilled in conducting site inspections, material testing, and compliance verification to ensure adherence to international standards and client specifications. Adept at preparing detailed quality documentation, resolving non-conformities through root cause analysis, and leading teams in maintaining high standards of workmanship. Strong background in solar energy construction projects, with a focus on delivering durable, safe, and sustainable infrastructure.

## EXPERIENCE

### QC Civil Engineer

#### CEEC ( China Energy Engineering Construction )

04/2025 to Present Makkah , Saudi Arabia

##### Project: Khulis 2GW Solar Pv Power Station Project

- Conducted site inspections and QA/QC monitoring for ongoing civil works, ensuring compliance with Aramco and project standards.
- Monitored civil works, including excavation, backfilling, cable trenching, concrete pouring, and compaction testing.
- Collaborated with project managers, contractors, and client representatives to ensure smooth execution of quality-related processes.

### QC Civil Engineer

#### SEPCO ( Shadong Electric Power Costruction corporation-power china)

02/2023 to 03/2025 Riyadh , Saudi Arabia

##### Project: Wadi Al-Dawasir Pv Park -112MW

- Supervised QA/QC activities for the 2 GW Wadi Al-Dawasir Solar PV Power Plant (PIF6 Project), ensuring compliance with project specifications and international standards.
- Conducted inspections of structural foundations, precast elements, and steel supports for PV module mounting structures.
- Monitored civil works, including excavation, backfilling, cable trenching, concrete pouring, and compaction testing.
- Reviewed and approved material submittals (concrete, aggregates, precast, geotextiles) in line with project and Aramco standards.
- Coordinated inspection requests (IRs) with consultants and resolved non-conformance reports (NCRs) by implementing corrective actions.
- Oversaw in-situ testing such as soil compaction, concrete compressive strength, and asphalt quality control for access roads.
- Collaborated with project managers, contractors, and client representatives to ensure smooth execution of quality-related processes.
- Prepared quality documentation including ITPs, test reports, daily inspection logs, and final QA/QC dossiers for client submission.

## QC Civil Engineer

Enclave Designing Company

📅 08/2021 to 10/2022 📍 Islamabad, Pakistan

### Project : Commerial Building Civic Center, Bahira Town Phase 4

- Directed quality control operations for commercial building projects in Bahria Town Phase 3, ensuring consistent adherence to high standards.
- Performed in-depth audits and inspections, ensuring all activities and deliverables complied with project specifications and industry benchmarks.
- Evaluated and approved material submittals, ensuring all components met the prescribed quality standards before deployment.
- Maintained a comprehensive repository of quality documentation, including inspection reports, test results, and material compliance certificates.
- Collaborated with project teams to resolve quality-related issues, employing data-driven solutions and preventive measures.
- Supervised on-site laboratory testing, ensuring test accuracy and reliability while addressing discrepancies swiftly.
- Provided expert guidance to project personnel on implementing and maintaining quality control processes effectively.
- Coordinated with regulatory agencies to guarantee full compliance with safety and environmental standards across the project site.

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## EDUCATION

🎓 **Bachelor of Science in Civil Engineering**  
2018 - 2022 | UET, Peshawar

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## MEMBERSHIPS / CERTIFICATIONS

### Member of American Society of Civil Engineers

ASCE Member #000012491986

### Surveying Certificate

Surveying Certificate from UET Peshawar with a percentage of 90%

### Member of American Society for Photogrammetry and Remote Sensing

ASPRS

### Member of Pakistan Engineering Council

PEC

## SKILLS

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- Quality Assurance & Quality Control (QA/QC) in civil, infrastructure, and solar projects
- Preparation and implementation of Inspection & Test Plans (ITPs)
- Conducting site inspections, audits, and compliance checks to verify construction quality
- Reviewing and approving material submittals in compliance with project specifications
- Preparation of QA/QC documentation – IRs, NCRs, MIRs, test reports, and final dossiers
- Proficiency in materials testing (concrete compressive strength, soil compaction, asphalt quality)
- Root cause analysis and implementation of corrective & preventive actions (CAPA)
- Coordination with consultants, contractors, and client representatives on quality matters
- Monitoring of workmanship, precast, and structural works to ensure adherence to standards
- Ensuring compliance with Aramco, ASTM, ACI, BS, and ISO quality standards
- Maintaining detailed quality records for audits and client submissions

## LANGUAGES

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**English**

Fluent

**Urdu**

Native

**Arabic**

Coversational

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