

ENGR. SALMAN KHAN

+966 53 766 4160 salmantakkar@gmail.com [Linked In](#) Riyadh, Saudi Arabia **Iqama Type:** Transferable

QC-Inspector (Civil) | Project Quality Inspector

Dynamic professional with over 8 years of experience in construction, quality control, quality assurance, detailed engineering, supervision, inspection, and testing with multinational companies on multi positions in steel structures, infrastructure projects, roadworks, and utility buildings. Managed diverse civil engineering projects, including the Suki Kinnari hydropower project, ensuring adherence to specifications, timelines, quality & safety standards throughout all project phases.

EDUCATION

Master of Science in Transportation Engineering

National Institute of Transportation (NUST, NIT) Risalpur

Bachelor of Science in Civil Engineering

University of Engineering and Technology Peshawar, Peshawar, KPK, Pakistan

PROFESSIONAL EXPERIENCE

Contractor: INMA East Construction Company

Dec 2023 – Oct 2024

Position: QC Inspector (Civil)

Client: Royal Commission for Riyadh City

Main Contractor: BACS Consortium

Project: Riyadh Metro Project, Riyadh KSA

- Submitted WIRs and MIRs for civil, structural, and architectural activities and materials as per approved ITP, while preparing ITPs and inspection checklists.
- Estimated quantities for materials on-site and generated requests for concrete, steel, and formwork.
- Issued internal site observation reports to the construction team and performed pre-inspections of materials and completed work.
- Conducted daily site surveillance to ensure compliance with the project quality plan and followed safety rules during inspections.
- Witnessed concrete pouring and tests, including temperature, slump, and cylinder tests, to ensure quality control of materials.
- Managed and supervised project sites, including inspection of excavation, compaction, filling, and concrete pouring for foundations, drainage, and plumbing works.
- Prepared and maintained comprehensive records of QA/QC reports, including daily, weekly, and monthly progress reports, leading to increased accountability and improved project workflows.
- Verified measurements and certified Contractor Interim Payment Certificates while checking the contractor's submitted work schedule.
- Supervised special works like Hockey AstroTurf, cladding, and finishing activities, ensuring quality standards in tiles, marble, color, and paint work.

Contractor: China Gezhouba Group Corporation (CGGC)

Oct 2020 – Sep 2023

Position: Quality Inspector

Client: SK Hydro (Gezhouba Group)

Consultant: Mott-MacDonald Pakistan

Project: Suki Kinnari hydropower project (873.5MW) | Mansehra, Pakistan

884 MW Suki Kinnari hydropower project worth US\$ 1.8 billion; major components include a 54.5m high Asphalt CFRD structure with gated spillways, underground Powerhouse and Transformer Hall, 19.4km Headrace tunnel, Tailrace Tunnel, Access Tunnels, and a 770m deep Vertical Surge shaft.

- Monitored excavation, drilling, and blasting work for underground tunnels and caverns, including the Powerhouse (135x25x46.8) and Transformer Hall (130x17x22.9), utilizing drill and blast methods.
- Executed field density tests (FDT - Field Density Test) to assess soil compaction, verifying proper layer-by-layer backfilling with compacting equipment during earthwork.
- Led the support work and construction of the Switch Yard and Control Building, including the installation and testing of shotcrete, rock bolts, wire mesh, lattice girders, steel ribs, spilling bolts, and tensioned ground anchors.
- Executed all structural and excavation works per specifications, coordinating with the consultant for daily supervision, resulting in on-time project delivery and compliance with quality standards.

- Implemented drilling, installation, and grouting of strand and bar anchors, along with performing shotcrete thickness tests, bond tests, and rebound tests to ensure quality standards.
- Directed non-destructive testing (NDT) for rock bolts and managed concrete lining for underground tunnels, including the tailrace tunnel, bus bar tunnel, and penstock tunnel.

Contractor: The Second Construction Co. Ltd. of China Construction

Nov 2018 – Jun 2020

Position: Quality Inspector

Client: Damac Properties

Consultant: Engineering Consortium Consultant (ECC)

Project: Akoya Oxygen Damac Hills Two Cluster 1500 Villas Construction

- Perform routine inspections at various construction stages (e.g., foundation, structural, finishing) to ensure quality standards are met.
- Check that all materials used conform to project specifications and standards and oversee sampling and testing as required.
- Familiarize yourself with project drawings, specifications, and quality control plans, ensuring all activities align with design intentions.
- Prepare detailed reports on inspection results, noting any discrepancies, defects, or deviations from standards.
- Work closely with project managers, engineers, and contractors to resolve quality issues and ensure corrective actions are taken promptly.
- Verify that all construction activities comply with local building codes, industry standards, and regulatory requirements.
- Enforce the project's quality control plan, verifying that procedures are followed consistently across the site.
- Inspect the quality of workmanship, particularly during key activities like concrete pouring, masonry work, and finishing, to maintain high construction standards.
- Document and issue NCRs for any work that does not meet quality requirements, following up on corrective actions to address non-compliance issues.

PROFESSIONAL MEMBERSHIPS

- Registered with Pakistan Engineering Council, Reg ID: CIVIL/51680

AREA OF EXPERTISE

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| ✓ Primavera P6 Proficiency | ✓ Documentation Management | ✓ Effective Team Management |
| ✓ AutoCAD Design Expertise | ✓ Site Inspection Proficiency | ✓ Quality Control Techniques |
| ✓ PTV Vissim Simulation | ✓ Construction Management | ✓ Project Coordination Skills |
| ✓ Effective Team Collaboration | ✓ Material Testing Techniques | ✓ Inspection and Testing |