

MANSOORAHMED

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CIVIL QA/QC ENGINEER

Detail-oriented and certified Civil QA/QC Engineer with over 5 years of professional experience in high-rise buildings, substations, metal fabrication, fit-out, finishing, and infrastructure projects. Skilled in developing and implementing QCPs, ITPs, and Method Statements, conducting comprehensive inspections across civil, architectural, and metal works, and ensuring strict compliance with ISO 9001:2015, ASTM, ACI, SAES, and SEC standards. Proficient in managing NCRs, audits, and quality documentation while collaborating effectively with consultants, contractors, and project teams to ensure design integrity and superior workmanship. Seeking to contribute my expertise in quality management, fit-out execution, and technical coordination to a forward-looking organization committed to delivering excellence, safety, and efficiency across all project phases.

PROFESSIONAL EXPERIENCE

Quality Engineer

Sep 2025 – Present

Assaf Industry Company

Project: Yanbu Entertainment Complex

Client: SEVEN

- Led quality assurance and quality control (QA/QC) activities for all fit-out works, including aluminium, stainless steel, mild steel, and glass installations.
- Conducted detailed inspections and verifications for fabrication and installation of aluminium expansion joints and architectural finishes, ensuring compliance with project specifications and international standards.
- Coordinated closely with design, procurement, and site execution teams to verify technical accuracy, resolve quality issues, and maintain project timelines.
- Monitored and enforced quality procedures, material approvals, and method statements to ensure superior workmanship and adherence to safety and project standards.
- Identified and addressed on-site nonconformities, implemented corrective actions, and maintained continuous client satisfaction through proactive QA/QC management.

Quality Engineer

Jun 2025 – Aug 2025

Jaadin Projects Contracting

Project: Metal Works for SEC Substation

Client: Saudi Electricity Company

- Conduct and document incoming material inspections, verifying compliance with project specifications, standards, and client requirements.
- Perform welding inspections including fit-up, welding parameters, visual inspection, and weld quality checks in accordance with approved procedures and codes.
- Execute quality inspections on civil, structural, and mechanical works, ensuring alignment with drawings, specifications, and QA/QC standards.

- Maintain and update quality documentation including inspection reports, checklists, and logs for client and consultant review.
- Collaborate with site engineers, supervisors, and subcontractors to address quality issues and implement corrective actions.
- Ensure proper closure of inspection requests (IRs), non-conformance reports (NCRs), and site observations, supporting smooth project execution.
- Support preparation of QA/QC dossiers, material submittals, and test reports for final project handover and client approval.

Quality Control Inspector

May 2022 – Jun 2025

MOBCO GROUP

Project: KAFD X – King Abdullah Financial District high-rise mixed-use development

Consultant: Dornier Consulting

- Led and executed quality control strategies for fit-out and finishing works at the KAFD project, ensuring alignment with both local and international standards. Conducted detailed inspections and audits on finishing materials, workmanship, and installation processes to verify compliance with project specifications and regulatory requirements.
- Collaborated proactively with project managers, architects, and subcontractors, resolving quality-related issues in a timely manner to maintain progress and uphold high finishing standards.
- Developed and implemented Project Quality Control Plans (QCP), Inspection Test Plans (ITP), and Method Statements, ensuring consistency and adherence to approved quality benchmarks throughout all stages of fit-out execution.
- Coordinated on-site fit-out activities, addressing technical inquiries and resolving deviations from approved shop drawings to minimize disruptions and rework.
- Managed the closure of Non-Conformance Reports (NCRs) and site instructions, ensuring effective project control across architectural and interior finishing works.
- Prepared and reviewed punch lists, outstanding work lists, method statements, and inspection reports, consistently providing detailed feedback for continuous quality improvement.
- Maintained Schedule of Inspections (SOI) logs and prepared daily, weekly, and monthly QC reports for the QC Manager's evaluation, supporting informed decision-making and quality tracking.
- Verified as-built drawings and shop drawings for finishing works, ensuring alignment with design intent and providing recommendations for technical corrections when required.
- Ensured all project documentation, including inspection files, material submittals, and completion reports, was properly maintained and ready for client and consultant review.

Site Engineer

May 2020 – Mar 2022

MSM Civil Engineering Consultant

Project: Supervision of G+2 Residential Villas, Commercial Complexes, and Infrastructure Development

- Supervised on-site construction activities for residential and commercial projects, ensuring execution aligned with approved structural and architectural drawings.
- Monitored contractor and labor performance, verifying that workmanship and materials complied with project specifications and safety standards.
- Coordinated day-to-day site operations, resolving technical issues and discrepancies in design documents to prevent delays and rework.
- Collaborated closely with project managers, consultants, and subcontractors to ensure timely progress and quality assurance across all civil works.
- Reviewed and implemented construction drawings, bar bending schedules (BBS), and quantity estimates to maintain cost-effective project execution.
- Assisted in preparing and verifying method statements, ITPs, and site work procedures, supporting smooth coordination with QA/QC teams.

- Maintained daily progress reports, site diaries, and material consumption logs for internal tracking and client reporting.
 - Oversaw foundation, concrete reinforcement, blockwork, plastering, and finishing stages, ensuring proper sequencing and structural compliance.
 - Participated in site inspections, snag list preparations, and handover documentation to ensure all deliverables met the required standards.
 - Ensured compliance with health, safety, and environmental (HSE) protocols across all stages of construction.
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TECHNICAL & ENGINEERING EXPERTISE

- **QA/QC Inspection & Quality Management** – Proficient in ISO 9001:2015 QMS principles and lead auditor knowledge; experienced with ASTM, ACI, PCI, UBC, SAES, and SAMSS standards for civil construction quality control.
 - **Site Inspection & Monitoring** – Skilled in inspecting reinforcement, formwork, concreting, backfilling, and finishing; ensuring compliance with approved drawings and specifications.
 - **Material Testing & Quality Control** – Knowledge of on-site and lab testing for concrete, soil, aggregates, and steel as per international standards.
 - **Project Documentation** – Preparing and maintaining inspection reports (IRs, MIRs, NCRs), daily logs, and QA/QC records for audits and compliance.
 - **AutoCAD** – Proficient in reviewing and modifying 2D architectural and structural drawings for design verification.
 - **Construction Supervision** – Coordinating with contractors and site teams to maintain quality workmanship and schedule adherence.
 - **Estimation & Costing** – Experience with quantity take-offs, BOQs, and project budgeting assistance.
 - **MS Office Suite** – Skilled in Excel, Word, and PowerPoint for reporting, documentation, and presentations.
 - **Revit (Basic)** – Ability to review 3D models and assist in project visualization and coordination.
 - **Communication & Coordination** – Effective liaison with consultants, engineers, contractors, and testing labs to ensure timely inspections and issue resolution.
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CERTIFICATION

- Certificate of Proficiency – **Civil QA-QC Inspector**
 - **Certified Lead Auditor – ISO 9001:2015**
 - **Certified in CAD (Professional) – CANTER CAD (ISO 9001:2015 Certified)**
 - **Certified in Estimation and Costing in Civil Engineering** – Expertise in cost analysis, material estimation, and project budgeting.
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EDUCATION

Bachelor of Technology (B.Tech) in Civil Engineering

Jawaharlal Nehru Technological University (JNTU), Hyderabad
