

MUHAMMAD EHSAN UR REHMAN

QA/QC CIVIL ENGINEER

Transferable Iqama

Address: Riyadh, Saudi Arabia | Phone: +966562380493 | Email: 95ehsanurrehman@gmail.com

Dedicated QA/QC Engineer with **8 years of experience** in quality assurance, quality control, and compliance within the construction and engineering industry. Experienced in utilizing document and workflow management systems, including **ACONEX**, to streamline quality processes. Expertise in **quality management systems (ISO 9001)**, material inspection, non-destructive testing (NDT), and project documentation. Skilled in monitoring site activities, **conducting audits**, and ensuring adherence to international standards to maintain high-quality project execution. Committed to delivering high-quality results that align with **project scope and client expectations**.



WORK EXPERIENCE

Unifab United Company, **Sr. QA/QC Engineer**

July 2022 – Present | Riyadh, KSA

Project: Construction and Fit-Out of Binyah Headquarters (7-story building)

- : Clients Temporary Office extension (DG-II) Diriyah
- : King Abdullah Financial District 6.29 (KAFFD)
- : Jafurah Gas Compression Plant-Phase II package 21 (Aramco)

Al Ain National Company, **QA/QC Engineer**

February 2021 – March 2022 | Abu Dhabi, UAE

Project: Improvement and Development of Infrastructure Facilities – Liwa City East

- : Reinstatement of Roads at SAS Al Nakhil

China Machinery Engineering Corporation, **QA/QC Engineer**

August 2017 – January 2021 | Jhang, Pakistan

Project: 1263MW, Re-Liquefied Natural Gas Power Plant

- : World Bank Project: Rehabilitation and Improvement of Roads and Street Lights
- : World Bank Project: Punjab Rural Sustainable Water Supply & Sanitation Project

RESPONSIBILITIES

- Supervised quality assurance processes, ensuring all finishes met client specifications and industry standards, resulting in **zero NCRs during final inspections**.
- Streamlined material procurement and quality control inspections, **reducing material waste by 10%** and boosting project efficiency.
- Conducted regular inspections of interior finishing works (plastering, tiling, painting, joinery), identifying defects early and reducing rework costs by 20%.
- Monitored safety protocols and compliance with the **Safety Management System**, achieving a 50% reduction in safety incidents and ensuring **100% compliance during audits**.
- Implemented rigorous QA/QC procedures, ensuring proactive defect identification and **timely snag list closure**, leading to a 50% reduction in project defects and rework.
- Ensured building codes compliance and conducted thorough technical documentation reviews for **12 projects**, maintaining a flawless inspection record.
- Earned client appreciation for timely project completion while delivering quality in line with **ISO, ASTM, BS, EN** standards, achieving a 90% stakeholder satisfaction rate.
- **Trained site teams** on best practices for interior finishing and quality assurance, improving workmanship and reducing defects.
- Accomplished the successful implementation of the 1263MW RLNG Power Plant with 220KV OHTL

integration, ensuring reliable grid connection and contract administration.

- Conducted comprehensive **laboratory tests** on construction materials ensuring compliance with project specifications and reducing material defects by 25%.
- **Led quality assurance** processes for the Punjab Rural Sustainable Water Supply & Sanitation Project, conducting site inspections and material tests to ensure compliance with **World Bank guidelines**, resulting in successful project milestones and high stakeholder satisfaction.
- Improved efficiency in QA documentation by **writing Method Statements, formatting Inspection & Testing Plans (ITPs)**, and securing 100% document approvals.
- Fostered communication among **7 local, Chinese, and German companies**, promoting teamwork across multiple departments for successful project outcomes.
- Coordinated with laboratories for material testing, ensuring accurate reporting and prompt corrective actions for non-compliant results.
- Regulated infrastructural development by ensuring strict adherence to quality standards and issuing Non-Conformance Reports (NCRs) in compliance with the Quality Management System (QMS).

EDUCATION

Bachelor of Civil Engineering

National University of Sciences and Technology (NUST) | September 2013 – June 2017

Diploma in ISO Standards (9001, 14001, 45001) – Integrated Management System (IMS)

Alison | April 2024 | (Certificate Number: AC-1947-38614750)

TECHNICAL SKILLS

- MS Office (Word, Excel, PowerPoint, Outlook), **Aconex** (Document Control & Workflow Management), **AutoCAD, Revit**, MS Project, **ISO 9001 Quality Management System, Lean Six Sigma**, Planning & Scheduling, Communication & Networking Skills, **Leadership Skills, Problem Solving, Teamwork**, Adaptability, Data Collection & Critical Thinking

CERTIFICATIONS

ISO 45001:2018 – Principles of Occupational Health and Safety Management

Alison | (Certificate Number: AC-1412-38200195)

Construction Project Management

Columbia University in the City of New York | <https://coursera.org/verify/ATQXBP7T2UQD>

Global Environmental Management

Denmark Technical University | <https://coursera.org/verify/V4Z693FDK422>

Introduction to Environmental Law and Policy

University of North Carolina at Chapel Hill | <https://coursera.org/verify/LUS7B546SLTG>

Foundations of Project Management

Google | <https://coursera.org/verify/WNJUVD3H4MYF>

Lean Six Sigma (Green Belt)

PMI | <https://www.linkedin.com/learning/certificates/7d733439721f11384a03dc501286541eb1b4a6f83227ab5f1ae7a813330d584c>

LANGUAGES

English: Professional Level

Arabic: Beginner Level