

MUHAMMAD ILYASS

Senior QA/QC Engineer

Red Sea Approved | SCE Approved | IRCA Certified Lead Auditor | +966-565240784 | khizerilyas472@gmail.com

PROFESSIONAL SUMMARY

Results-driven QA/QC Engineer with 6+ years of experience in quality assurance, inspections, and compliance management for major infrastructure projects, including Red Sea Global (RSG). Expertise in QA/QC processes, O&M Manuals, TOC, and material inspections with a track record of reducing non-conformance and optimizing quality control operations. Strong experience in substation civil works, MEP compound construction.

EDUCATION & CERTIFICATIONS

- Bachelor's Degree in Civil Engineering – University of Engineering and Technology, Pakistan
- Diploma in Civil Engineering – Board of Technical Education, Pakistan
- Lead Auditor ISO 9001:2015

PROFESSIONAL EXPERIENCE

Position – Senior QA/QC Engineer

Company – Abdul Mohsen Al Tamimi | Client – Red Sea Global, Umluj KSA

Duration – Jan 2023 – Present

Project: - 1) Hotel East 2 General builders Work, Shura Island 2) Package 9 Facility Management and ancillary building

- Developed and implemented Project Quality Plans (PQP), Inspection & Test Plans (ITPs), and Method Statements in compliance with Red Sea Global specifications aligned with leading industry standards (ISO, ASTM, ACI, and SEC).
- Supervised and inspected civil activities across substations and infrastructure works, including excavation, backfilling, duct banks, transformer bays, fencing, asphalt, and equipment foundations.
- Managing the preparation and submission of Taking Over Certificates (TOC) for project handover.
- O&M Manuals & Warranties: Compiling Operation & Maintenance (O&M) Manuals, ensuring warranty documentation is in place.
- Ensured compliance of all site materials and construction processes with approved technical submittals and project specifications.
- Monitored monthly Project Quality Index (PQI) reports issued by RSG to evaluate QA/QC performance and identify areas for improvement.
- Ensured timely submission and approval of Method Statements, ITPs, WIRs, and MIRs, maintaining high scores across PQI KPIs.
- Coordinated and witnessed site inspections for concrete works, waterproofing, steel reinforcements, and utility trenching.
- Reviewed and approved material submittals, shop drawings, and method statements prior to submission to the client/consultant.
- Conducted root cause analysis and issued non-conformance reports (NCRs), ensuring timely corrective and preventive actions were implemented.

- Maintained all QA/QC documentation including WIRs, MIRs, NCR logs, calibration records, and project quality reports.
- Provided technical support to construction teams to enhance compliance, reduce rework, and improve quality performance on site.
- Liaised with third-party inspectors, testing agencies, and client representatives for material testing, inspections, and handovers.
- Conducted quality audits and tracked quality KPIs related to cost of quality, NCR trends, and lessons learned.
- Compiled QA/QC handover documentation including as-built records, test reports, and TOC packages for final project closeout.
- Supported procurement and site management teams by verifying material compliance with project quality requirements and best practices derived from Aramco/SEC-aligned standards.
- Delivered internal training sessions on QA/QC procedures, ISO 9001:2015 compliance, and best practices in civil quality control.

Position: Civil QA/QC Engineer

Company: ARCCO group of companies | Client- Red Sea Global Umluj, KSA

Duration: Dec 2022 – Dec 2023

Project: Start Up Distribution Center (SUDC)

- Inspections & Quality Control: Conducted daily quality inspections of on-site activities, ensuring full adherence to ISO 9001:2015 and project quality requirements.
- Developed and implemented ITPs and method statements; managed and closed client-raised SORs and NCRs; handled WIRs and MIRs throughout project lifecycle.
- Delivered major civil works including concrete, waterproofing, and structural/architectural scopes for substation and compound areas.
- Managed quality works for substation, including foundations, transformer bays, trenches, and plinths.
- Coordinated with ready-mix suppliers for concrete mix design approvals and conducted trial mixes in compliance with specifications.
- Led weekly QA/QC meetings with consultants and site teams to ensure proactive issue resolution.
- Third-Party Testing: Coordinated with certified laboratories for plate load tests, FDT, and various concrete and material testing activities.
- Introduced preventive quality measures and site compliance checklists that significantly minimized rework and improved overall construction quality.

Position: Civil QA/QC Engineer

Company: Saudi Real Estate Construction Company | Client: Red Sea Global Umluj, KSA

Duration: Jan 2021 – Dec 2022

Project: Hotel East 3 Concrete package, Shura Island

- Site Inspections: Performed inspections for excavation, backfilling, concrete works, and steel reinforcements & managed site surveillance, ensuring adherence to quality control procedures.
- Villas and Public buildings including MEP Compound and Substation: Involved in inspection and civil QA/QC of Villas and Public buildings including MEP Compound and Substation works including equipment foundations, plinths, cable trenches, and structural concrete works.

- Inspection Reports: Prepared and submitted detailed WIRs and MIRs for substation and utility structures.
- Quality Compliance: Ensured compliance with (ISO, ASTM, ACI, and SEC) standards
- Documentations: prepared and submitted work inspection requests (WIRs) and material inspection reports (MIRs).
- Third-Party Testing: coordination for compaction (FDT), Various concrete and material tests.

KEY RESPONSIBILITIES & EXPERTISE

- QA/QC Management: Ensured implementation of Red Sea Global specifications in alignment with ASTM, ACI, AASHTO, and ISO 9001:2015 standards across civil and infrastructure projects.
- Quality Inspections: Conducted Field Density Tests (FDT), material inspections, waterproofing checks, and structural QA/QC verifications.
- Non-Conformance Handling: Managed NCRs, performed root cause analysis, implemented corrective actions, and supported internal audits for continuous quality improvement.
- PQI Monitoring: Actively contributed to maintaining high Project Quality Index (PQI) scores by ensuring timely submission of WIRs, MIRs, method statements, ITPs, and quality logs as per RSG guidelines.
- Material Submittals & Prequalification: Reviewed and compiled comprehensive material submittals with supporting technical data sheets, compliance statements, and project-specific prequalification documents for consultant and client approval.
- TOC & O&MM Documentation: Prepared and submitted Taking Over Certificates (TOC), Operation & Maintenance manuals, and associated warranty documentation for seamless project handover.
- Concrete Mix Design & Compliance: Reviewed and approved concrete mix designs, coordinated trial mixes, and oversaw placement quality and curing for structural works.
- Technical Training: Delivered internal training on ISO 9001:2015 procedures, quality documentation, and construction quality standards to enhance team competency.
- Stakeholder Coordination: Liaised with consultants, third-party inspectors, and subcontractors to resolve quality issues, close inspection requests, and maintain compliance throughout execution.
- Final Handover Management: Led the documentation and QA/QC closeout process, ensuring all O&M manuals, TOCs, and asset maintenance schedules met RSG handover standards.

SOFTWARE PROFICIENCY

- Oracle Aconex (Document Control & Project Management)
- Primavera P6 (Project Scheduling & Planning)
- AutoCAD (Technical Drawings & Design Review)
- MS Office Suite (Excel, Word, PowerPoint)

LANGUAGES

- English: Fluent
- Arabic: Intermediate
- Urdu: Fluent
- Pushto: Fluent

PERSONAL DETAILS

- Iqama: Transferable
- KSA Driving License: Valid
- Date of Birth: 5th May 1997
- Location: Umluj, KSA




MAIL TYPE: Workflow Transmittal
MAIL NUMBER: TRS08HE2-WTRAN-075398
REFERENCE NUMBER: TRS08HE2-WTRAN-075398

Final (WF-060579) CP_R08HE2C24_Contractor_CV_Review_QA-QC Manager-Muhammad Ilyass-RSG

From: Mr David Mungin - The Red Sea Development Company
To (6): Mr mohammad Ilyass - Abdulmohsen Altamimi Contracting Company (+5 more...)
Cc: Mr Robert Bradley - The Red Sea Development Company
Sent: Monday, 16 December 2024 9:00:28 PM AST (GMT +03:00)
Status: N/A

DOCUMENT ATTACHMENTS (1)

File	Document No	Revision	Title	Status
	R08-HE2C24-AAP-CVE-PM-0040	C0	QA-QC Manager-Muhammad Ilyass-RSG	Accepted

ATTRIBUTES

Attribute 1: Site Wide

MESSAGE

Workflow Review History

The attached documents have completed the "CP_R08HE2C24_Contractor_CV_Review_QA-QC Manager-Muhammad Ilyass-RSG" workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
R08-HE2C24-AAP-CVE-PM-0040	RSG_DCQC_CHK	N Alzahrani	Accepted	
	RSG_PkgLead	M Eita	Accepted	

RSG_Final_Response

D Mungin

Accepted

Ref: R12-100C18 RCO/SUDC
R12-S07C01 RCO/SUTH

Date: 03 Jan, 2022.

To Whom It May Concern

This is to certify that **Mr Muhammad Ilyass**, Holder of Iqama Number 251522022 has worked in our Comapny as **“QA/QC Engineer”** from December 2022 to December 2023 .

During his vervises his performance and behavior were to the satisfaction of the management.

We wish him best of luck in his future Projects.



Engr. Abdur Rehman
Project Manager,



Anthony Pereira
RSG- RED SEA DESTINATION

Final (WF-002763) CP_R08HE4C20_Contractor_CV Muh...
WORKFLOW TRANSMITTAL

7:59 AM
TRS08HE4-WTRAN-004942



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
TRS08HE4-WTRAN-004942

REFERENCE NUMBER
TRS08HE4-WTRAN-004942

Final (WF-002763) CP_R08HE4C20_Contractor_CV Muhammad Ilyass - Civil QA/QC Engineer)_Rev_C0

From Mr Anthony Pereira - The Red Sea Development Company



To (9) Mr DC TAMEAR - Tamear Saudi Real Estate Construction Company (+8 more...)

Cc (5) Mr Tariq Lahham - The Red Sea Development Company (+4 more...)

Sent Monday, 3 January 2021 7:59:20 AM AST (GMT +03:00)

Status N/A

DOCUMENT ATTACHMENTS (2)

(0 selected)					
File	Document No	Revision	Title	Status	
	R08-HE4C20-TSR-CVE-PM-0028	C0	Muhammad Ilyass - Civil QA/QC Engineer	Accepted	
	R08-HE4C20-TSR-CVE-PM-0028_DRF	C0	Muhammad Ilyass - Civil QA/QC Engineer	Accepted	

ATTRIBUTES

Attribute 1 Site Wide

MESSAGE

Workflow Review History

The attached documents have completed the "CP_R08HE4C20_Contractor_CV Muhammad Ilyass - Civil QA/QC Engineer)_Rev_C0" workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
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R08-HE4C20-TSR-CVE-PM-0028	SC_MGT_Review	J Abbas	Accepted with Comments	Atkins have no objection, final acceptance subject to RSG approval.
	TRSDC_PkgLead	J Mangalath	Accepted	
	TRSDC_Final_Response	A Pereira	Accepted	
R08-HE4C20-TSR-CVE-PM-0028_DRF	SC_MGT_Review	J Abbas	Accepted with Comments	Atkins has no objection, final acceptance subject to RSG approval.
	TRSDC_PkgLead	J Mangalath	Accepted	
	TRSDC_Final_Response	A Pereira	Accepted	



Certificate of Achievement

In recognition of the successful completion of the requisite training program by

Punjab Safety Bureau

Certifies that

MUHAMMAD ILYASS

has successfully completed the training of

ISO 9001:2015 QMS

A course organized by the **Punjab Safety Bureau**

Certificate Date: August 04, 2024

Certificate No.: PSB-IA-QMS/53

Hafiz Junaid Ijaz – Principal PSB



Muhammad Imran – Trainer PSB

Reg. No. SDCP/SCELI-MRD/012206

R. B. No. 0012172-2020

S. No. A- 79666

Skill Development Peshawar Council

Established Under National Training Ordinance 1980

Trade Proficiency Certificate



This is to certify that

Mr/Mrs/Miss MUHAMMAD ILYAS Son/Daughter/Wife of MIAN MUHTAMIM KHAN

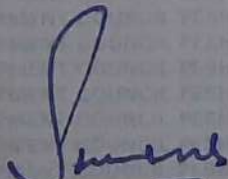
Has successfully completed a special training course organized by the SDC Peshawar
in the trade of AUTOCAD PROFESSIONAL

held at SARHAD COMPUTER & ENGLISH LANGUAGE INSTITUTE, SHER GARH MARDAN

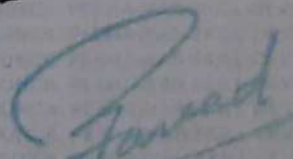
From 02-09-2019 To 01-03-2020

In recognition thereof this certificate is issued

On 6th day of AUGUST 2020


PRINCIPAL




HAJI MUHAMMAD JAVED
CHAIRMAN
SDC PESHAWAR