



# Muhammad Azeem Ashraf

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## Summary

Over 20 years of experience in Quality, Health, Safety & Environment, and the main focus will be the implementation, development, and management of the QHSE system. As well as responsible for culture changes to make sure the right ethics are and mindset is adopted in the field of design, construction, installation, inspection, maintenance, Pre-commissioning, and Commissioning of Equipment's in electrical, instrumentation, and control systems with safe, timely efficient and also cost-effective manners in Power plants, Refineries, Cement Plants, Gas Plant, bulk plant, Petrochemical Project and Commercials.

## Experience

### **QA/QC Section Manager (Aramco Approved)**

alfanar Construction

Jun 2021 - Present (1 year +)

Managing all quality activities for the installation of Switchgear, distribution panels, lighting system, control panels, and civils activities for the substation yard, desalination plant, water treatment plants, upgrading the power system. And more Electrical Works: MV/HV/EHV Substations / Transmission and Distribution Networks, Civil Works: Buildings / Infrastructure, Oil & Gas, I.T. & Telecom Works: ISP/OSP, MEP Works, Operations & Maintenance: Electrical/Telecommunication Systems/Infrastructure; Buildings; General Facilities; Asset Management; Sanitation, Water & Sewerage Works: Distribution Networks / Treatment Plants, Piling Works.

- Updating all QC documents including Project Quality Plan "PQP".
- Reviewing and following the implementation of the Inspection and Test Plans "ITPs" for the contractor/subcontractor.
- Review all the Method Statements and work Procedures received from the construction team & sub-Contractors.
- Review & approve all Technical submittals of Materials (especially the long lead items) to make sure it complies with the line items & material specifications mentioned in ARAMCO standards & project specs.
- Review the prequalification of Sub-contractors, evaluate according to the required SOW and if there is any Specific testing/frequency or procedure that should be added to meet the client's requirements.
- Lead QC team consists of (3 discipline Supervisors/10 Inspectors), evaluating their performance based on the quality measurements/records & following/implementation of the QMS and the approved PQP. Applying root cause analysis for the repeated issues/problems using flow charts or fishbone diagrams to cut the problems from the source.
- Ensure All Preventative measures are in place before the execution of Activities to keep errors out of the Project. Verify by means of planned internal audits that the requirements set in the quality plans, other plans, and Client standards are met.

### **QA/QC Manager**

Al Mashariq Group

Mar 2021 - Jun 2021 (4 months)



## Senior QHSE Manager

BAZY Trading and Contracting Co.Ltd

Jan 2020 - Mar 2021 (1 year 3 months)



## QHSE Manager

BAZY Trading and Contracting Co.Ltd

Mar 2019 - Dec 2019 (10 months)

- Manage the QHSE team to achieve control, monitoring and implementation of QHSE and contract governance in line with Local and international client and KSA policies and procedures.
- Develop, maintain and improve the business Integrated Management System to underpin QHSE and operating standards
- Maintain a contract risk register, reviewing QHSE risks and escalating where appropriate
- Support the training and development of all staff to ensure awareness and understanding of QHSE Standards and the relevance to business objectives.
- Implement the Crisis Management Plan across all Clusters and ensure robust line of escalation exists.
- Provide trend analysis to Contract Management Team to support and provide focus for driving positive behaviors and culture within the business.
- Conduct or coordinate worker training in areas such as safety laws and regulations, hazardous condition monitoring, and use of safety equipment
- Perform Quality/safety audits and inspect facilities, machinery, and safety equipment to identify and correct potential hazards, and to ensure safety regulation compliance.
- Investigate industrial accidents, near-miss incidents, and occupational injuries to determine causes, implement preventive measures, and manage return-to-work activities
- Provide technical advice, coaching, guidance, and mentoring to employees on safety initiatives and necessary changes.
- Develop Business Continuity Plans for all Service streams and participate in any table top or live exercises to test the plans.
- Monitor, audit and report on contract QHSE performance and provide assurance to Contract, BU Divisional and Client Management Teams.
- Maintain quality, safety and environmental systems; implement and audit to achieve compliance with ISO 9001, 14001 and OHSAS 18001.
- Provide leadership to support the management of supply chains and compliance with QHSE



## QA/QC Supervisor

Muhammad amin & Ghulam Co (Azmeel/SSEM)

Aug 2015 - Feb 2019 (3 years 7 months)

Projects:

- Saudi Aramco Project, Yanbu Distribution Hub (YDH) SSM, Project Value 633 Million USD. Project (Infrastructure, Sub-stations, Control Room and about 39 Tanks)
- Saudi Aramco Project, NGFC (Resi & Infrastructure) Azmeel Contracting Company, Project Value One Billion SR.

Key Accomplishments:

Yanbu Distribution Hub (YDH) SSEM has 39 storage tanks with the facility of Two 13.8 KVA substation,

Water desalination & treatment plant, fence security system, and interfacing with All SABIC, Marafiq, SWCC and Yanbu refinery.

NGFC (Residential & Infrastructure) Substation, 23 package substation, water treatment plant, Strom And portable water system for the 500 Villas.

- Check the Quality Control Plans concerning the as per approved electrical, instrument, and telecom activities.
- Allocate and coordinate electrical, instrument, and telecom QC Inspectors within the various areas of Site inspection activities.
- Check the availability, calibration validity, and adequacy of consumables and equipment/testing instrumentation used for dimensional execution and controlling.
- Ensure that project relevance material and equipment are correctly received in the store, preserved and handled, identified, and traceable.
- Supervise the Construction Quality Control functions/activities related to Electrical, Instrumentation, Automation, and Telecommunication disciplines, including Quality Control inspection schedules and the collection of Quality Records signed Documents from the client.
- Ensure the availability of quality record documents, quality control specifications for the major site inspection activities.
- Ensure that the material receiving, installation, testing, and inspections are carried out according to Quality Control Plans/Inspection Test Plans, obtain and collect the relevant documentation also for approvals of mechanical completion of plant systems and that person has access to all required project documentation.



## **Sr. Inspection E&I Inspector - QA/QC Supervisor**

aramco

Jul 2013 - Jul 2015 (2 years 1 month)

Worked at KASC project with SAPID in capacity of Sr. Inspector E&I to manage project daily Inspection activities and also work as a replacement of ABS Project Supervisor in capacity of 40 team members at KASC:

Responsibilities:

- Review, comment on, and recommend approval or disapproval of the EPC Contractor's construction and pre-commissioning phase Quality Plan, including the I&TP, prior to the start of any construction or pre-commissioning activity in accordance with Schedule "Q".
- Keep current of the latest developments in inspection standards, codes, practices, procedures, methods and inspection equipment, and assure that all work is completed according to all applicable codes and standards.
- Review/evaluate construction contractor's quality assurance/quality control systems, as necessary, and verify that Inspection Records (hard copy and electronic databases) are compiled and maintained.
- Perform root cause analysis, assessments, and recommend short and/or long-term remedies.
- Make frequent visits to construction sites to resolve inspection related problems, or appraise adequacy of inspection services provided.
- Perform EPC Contractor's Quality System Audits:
  - At the start of the project, the Project Quality Supervisor will review the EPC Contractor's Internal Auditor's qualifications and audit history, and the quality system audit schedule for compliance with Schedule "Q".
  - To attend as an observer both the EPC Contractor's internal quality audit and the closing meeting and receive the final audit report to follow up on critical issues.
- Perform regular informal assessments (Focus assessments) of selected elements/processes of the EPC Contractor quality system and record the assessments findings.

- Monitor the EPC Contractor training program to ensure that all EPC Contractor and Sub-Contractor personnel are familiar with the project quality requirements for their area of responsibility.



## **Sr. E&I Inspection Engineer**

aramco

Aug 2010 - Jun 2013 (2 years 11 months)

Senior Electrical Inspector under SAUDI ARAMCO GIS contract assigned to King Abdullah Petroleum Studies and Research Center Project. The inspection activities covered: Construction of Residential and Community Complex and other support facilities. The center aims to achieve the vision of Saudi Aramco and the Kingdoms capability in creating one of the premiere and world class Energy Research Center to further study and anticipate future changes in the global energy, develop insights and policy alternatives to sustain and enhance the Kingdoms prominence in petroleum and other energy areas.



## **Electrical Engineer II (Al Hugyat)**

aramco

Jan 2009 - Jul 2010 (1 year 7 months)

- Secured work experience as an Assistant of Lead Engineer whose reporting directly to the Project Manager.
- Prepared and reviewed engineering plans, specifications, project schedules, designs, circuit diagrams, and estimates for construction and maintain power generation and related electrical systems.
- Manage project activities by coordinating with contractors, subcontractors, vendors and outside agencies for project progress, material, cost and labor.
- Making modifications and recommending alternatives as needed.
- Make engineering calculations in connection with field and office assignments.
- Investigate problems and recommend solutions.
- Provided technical support for system operations.
- Reported on progress at weekly team meetings



## **Electrical inspector**

aramco

Jan 2008 - Dec 2008 (1 year)

- Quality assurance and quality monitoring of project to ensure that contractor work is in compliance with the Company's engineering requirements.
- Perform QC inspection activities and apply Aramco standard code, NEC, ANSI and IEC for various electrical and loop checking of circuits, functional test , power duct banks, under- ground and aboveground cable laying installation and assist during start-up activities of plant system.
- To maintain record and log all Electrical inspection & testing activities.
- Provides detailed reviews of Saudi Aramco Engineering Standards and Procedures.
- Participate in final inspection and prepare punch lists. Give input to close-out report for quality related issues and ensure effective project closeout.
- Installation, Inspection & testing as well as Documentation of Battery bank & Battery charging System for Sub-station Buildings
- Interior and Exterior Lighting System Installation, inspection and Illumination testing.
- Inspection of Main Ground Grid, Sub Ground Grid and Main grounding Bus. Perform Ground Resistance and Grounding Continuity Test. Preparation of Test Reports and Coordination with Saudi Aramco Inspection.
- Ensures that company safety rules and quality procedures are fully respected.

- Supervise EPC contractor during the field instrumentation, control and safety systems, and Prepare reports for management.
- Participation in the meetings with EPC Contractor to highlight any quality related issue.
- Studies new solutions as well as complex interventions to be realized.
- Proposes technical improvements and Works in collaboration with Methods.



### **QA/QC Electrical Engineer**

Descon Engineering Limited

Mar 2002 - Apr 2007 (5 years 2 months)

- Inspection and testing of all under ground, Earthing Net Work for motors, Switchgears, steel structure of Sub-Stations.
- Inspects electrical system to verify code compliance and to confirm that installation is consistent with intent of design documents.
- Installation, Inspection and testing of Grounding net work for plant instrumentation.
- Monitoring of High Voltage, Low Voltage, Control and instrument cables, termination, Megger & continuity testing.
- Monitoring of 480V Low Voltage Molded case circuit breakers installation, and testing i.e. Insulation resistance test, contact resistance test, ground fault trip test and Preparation of test Reports.



### **Electrical Site Superintendent**

Ibrahim Fibers LTD (Petrochemical Plant)

Aug 2000 - Feb 2002 (1 year 7 months)

Supervising the work of a team of electricians by providing daily direction to them and assigning work priorities.

- Writing up and submitting daily activity reports to the site Construction Manager.
- Contacting outside vendors for parts or when requiring technical assistance.
- Coordinating the electrical works schedule.
- Liaising with third party contractors.
- Helping project managers to conduct Health & Safety inspections in work areas.
- Writing up comprehensive management reports.
- Following work orders until completion.
- Preparing cost estimates and presenting those to senior managers.
- Ensuring that storage areas are properly illuminated.
- Making sure electricians wear all necessary protective gear.
- Verifying that work orders are completed accurately.
- Carrying out planned and reactive electrical maintenance on housing stock and industrial buildings

## **Education**



### **VU Pakistan**

Executive MBA, Management

2019 - 2021



### **PIMSAT Karachi**

Bachelor of Engineering (B.Eng.)

2002 - 2006



## **Chack # 129/M Chishtian**

Matric, science subjects

1992 - 1997

Matric

## **Licenses & Certifications**



### **Certified Manager of Quality/Organizational Excellence (CMQ/OE) Training -**

3FOLD Education Centre

33630



### **NEBOSH IGC - NEBOSH**

00578686



### **Best Performance and Achievement Certificate - QA Manager**



### **ISO 9001: 2015 Quality management systems -- Requirements - IRCA**



### **ISO 45001:2018 OH & S Management System - IRCA**



### **OSHA General Industrial Standard 30 Hours - OSHA Safety Training Institute**

Serial # 0621



### **IOSH Managing Safely - IOSH**



### **Fire Protection & Fire Prevention - RICI Company**



### **Heart Saver First Aid/CPR & AED - RICI Company**



### **Negotiation Associate - NGStudy**

584800



### **Scrum Fundamentals Certified (SFC) - SCRUMstudy - Accreditation Body for Scrum and Agile**

745933



### **Lean Six Sigma Black Belt (ICBB) - 6sigmastudy - The global certification body for six sigma certifications**

Issued Apr 2020 - Expires Apr 2023

713480



**Train The Trainer IADC DIT - IADC Houston Chapter**

Issued Oct 2020 - Expires Oct 2025

01058331, DIT000192345



**Project Management Professional (PMP)® - Project Management Institute**

Issued Nov 2020 - Expires Nov 2023

2855660



**NEBOSH IGC training completed - SBIC America**

**Skills**

Commissioning • EPC • Engineering • Inspection • Instrumentation • Petrochemical • Project Engineering • Power Plants • Electrical Engineering • Gas