

SHAHZAD ZAMAN

Quality Assurance/ Control Manager

(Transferable Iqama)

(Approved Aramco, SAP# 70013081, 80001563)



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Profile

Diversified experience in leading and managing quality departments of Saudi Aramco (PID) and top-notch oil and gas organizations. In depth experience of handling matters related to quality assurance and quality control during all phases of Projects i.e. Design, Procurement, Construction, Pre-commissioning and Commissioning of Infrastructure and utility buildings, Petrochemical plants, Oil & Gas Refineries, GOSP Plants/ Well heads, Pump Stations, Cross country Pipelines and marine industry projects.

Worked with leading EPCM and Consultant companies i.e. Sumitomo Corporation, TUV Nord, CPP-China Petroleum, Petrofac (as client) and JGC (as client), Alkifah KCC.

Professional Certifications / Trainings

- **Membership Saudi Engineering Council (membership# 469802).**
- **IRCA Certified ISO 9001:2015 Lead Auditor QMS. (EDU/QMS/LA/18/03021)**
- **IRCA Certified ISO 45001:2018 Lead Auditor OH&S Management. (BTO/C645/15:0119)**
- **Certified lean Six-Sigma Green Belt from ASCB-UK. (IRQAO# P5364-5395-B04)**
- **ACI (American Concrete Institute) CEU Certificate on Concrete Cracking.**
- **ACI (American Concrete Institute) CEU Certificate on FRP Strengthening.**
- **TUV Nord Training Certificate – NDE requirements by ASME Section VIII Div-1 & Sec-V.**
- **TUV Nord Training Certificate – Corrosion Protection and Painting.**
- **TUV Nord Training Certificate – Industrial valve Design as per ASME B 16.34.**
- **TUV Nord Training Certificate – Welding Qualification (Procedures and Personnel) requirements as per EN 15614-1 & ISO 9606-1**
- **TUV Nord Training Certificate – CE Marking of Materials and Material Manufacturers Approval**
- **TUV Nord Training Certificate – Supply Chain Management (SCM).**
- **Member ASQ (American Society of Quality) Membership # 65211442.**
- **Member IAEI (International Association of Electrical Inspectors) Membership# 25955410**
- **6.5-Bands in IELTS Exam from British Council**

Academic Education

- Bachelor of Engineering- BTECH.
- Diploma of Engineering- DAE.

Achievements/ Appreciation

- **Saudi Aramco Approved QA Manager on Ibn USD Project, Aramco Jazan Economic City Commercial Port Project.**
- **Saudi Aramco Approved QC Manager on Ibn USD project, Aramco Jazan Economic City Commercial Port Project.**
- **Appreciation certification from Saudi Aramco SAPID and SAPMT on Petroraigh Project UO2 project.**
- **Appreciation certification from Saudi Aramco SAPMT on Petroraigh Phase-2 Security Upgrade Project.**
- **Approved form Saudi Aramco as QA/QC Supervisor Electrical & Instrument. (SAP# 80001563, SAP # 70013081).**
- **Approved form Saudi Aramco as QA/QC Supervisor Telecom (SAP# 80001563, SAP # 70013081)**

- *Approved from Saudi Aramco as PID inspector (SAP# 80001563, SAP # 70013081).*
- *Approved from Saudi Aramco as E&I Inspector (SAP# 80001563, SAP # 70013081).*

Professional Experience

Saudi Aramco Oil & Gas Projects from May 2020 ~ Present Thru Al Kifah Contracting as QA Manager:
Saudi Aramco Jazan Economic City, City Commercial Port Onshore Project

I headed at team of 87 QC multidiscipline inspectors/ supervisor, a procurement supervisor and QC Manager. The Project includes different scope that involve Dredging and reclamation, Construction of the City Commercial Port Onshore Package (Soil Improvement, Roads and Pavements, City Port Administration and support Buildings and Container Terminal), Main substation HV/ MV electrical equipment and overhead underground transmission lines installation, water storage tanks and fire water system, underground dry and wet utilities. Telecom OSP/ ISP, Security system with IDAS and SACS devices installation. HVAC system for buildings

Saudi Aramco Oil & Gas Projects from Nov 2019 ~ Apr 2020 Thru Al Kifah Contracting as QC Manager:

Saudi Aramco Jazan Economic City, City Commercial Port Onshore Project

A team of 80 multidiscipline QC Inspectors and 7 multidiscipline QC supervisors reported to me during the course of project. The Project include multidiscipline scope of work that involve fire water piping and storage tanks Mechanical Static and Rotating equipment's, Electrical Substations 13.8 Kv, underground and above ground dry and wet utilities, pre-cast buildings structural and finishing works, Telecom OSP/ ISP, Security system with IDAS and SACS devices installation. HVAC system for buildings

Saudi Aramco Oil & Gas Projects from Feb 2019 ~ Oct 2019 Thru China Petroleum Pipeline Bureau as QC Supervisor:

Saudi Aramco Rastanurah Re-route pipelines project.

Saudi Aramco Oil & Gas Projects from October 2017 ~ Jan, 2019 Thru TUV Nord and represented Saudi Aramco as PID:

Saudi Aramco Jazan Refinery Marine Terminal Project, Package-14, (PID Telecom) (Contractor HANWA).

Saudi Aramco Jazan Economic City Industrial Port Project, (PID Telecom) (Contractor, Al-Kifah, Naizak, China Harbor Engineering).

Saudi Aramco Jazan Economic City, Reverse Osmosis & Sewage Treatment Plant Project, (PID Telecom) (Contractor SSEM).

Saudi Aramco Oil & Gas Projects from Apr 2019 ~ Mar 2019 Thru Saudi Kad as QC Supervisor:

Saudi Aramco Master Gas pipeline phase-2 project. (Short tenure due to commercial matters)

Saudi Aramco Oil & Gas Projects from July 2015 ~ October 2017 Thru TUV Nord represented Saudi Aramco as PID:

Petrorabigh Phase-II, Package RP-1 Ethane Cracker and de-bottle necking Project, thru TUV Nord (PID E&I) (Contractor JGC).

Petrorabigh Phase-II, Package U2&3 Common Utilities and Tank Farm Project, thru TUV Nord (PID E&I) (Contractor Petrofac).

Petrorabigh Phase-II, Package PSU/ COM Petrorabigh Security Upgrade Project, thru TUV Nord (PID Telecom/ Security), (Contractor Sirti Arabia, NESMA).

Saudi Aramco Oil & Gas Project from Jun 2011 ~ May 2015:

SATORP Saudi Aramco JV Total France JERP Project, Jubail, thru Sumitomo Corporation (QA/QC Supervisor)

Saudi Aramco Oil & Gas Project from Dec 2009 ~ May 2011:

Saudi Aramco OMP Projects in Abqaiq, Shedghum and Aindar thru FMQ Sons Co (QA/QC E&I).

Saudi Aramco OMP Projects in Fadhili, thru FMQ Sons Co (QA/QC E&I).

QA/QC Management understanding:

Well familiar with duties and responsibilities of QA Manager and QC manager. QA/QC manager functionally reporting to Corporate QA/QC Manager who ensures the compliance of Project Quality Plan. My responsibilities in project include but are not limited to:

- Prepare, update (If required) and implement the Project Quality Plan.
- Review of Material Requisition (MR) Package & Inspection Assignment Package (IAP) & ITP prior of submitting it to client for approval.
- Assuring compliance & inspection of vendor supplied items with quality standards. Scrutiny of certificates and verification of specifications. Responsible for Development of Inspection and Testing plans (ITPs).
- To ensure that all the Quality Objectives set in Quality Plan are meeting or exceeding the requirements.
- To schedule, attend and implement the findings of Management Review Meeting.
- Prepare and submit the Monthly Quality Management report to Saudi Aramco.
- Responsible to communicate and attend the PIMs with Saudi Aramco, Vendors and Third Party Inspectors.
- Final Review of PO from Inspection/Quality point of view.
- Selection of Quality personnel for proposing them in SAUDI ARAMCO as QA/QC Inspector/Supervisor.
- Responsible to assign/monitor third party inspectors at all vendors shop to control fabrication process.
- Prepare internal quality audit schedule and to perform the audit as per schedule, Audit finding shall duly be circulated, implemented and corrective action to be ensured.
- Recording and managing systematically the nonconformity reports issued on site, checking that the settlement of non-conformities is in compliance with the acceptability criteria and the schedule is in accordance with the site requirements
- Review of Hydro test, Tie-In and PMCC package prior to client submittal.
- Ensure the administration of all quality records in an orderly manner, so ensuring their traceability
- Informing systematically the corporate Quality Manager on the progress of the site activities relating to the quality
- Assisting the PM in preparing the supporting quality documentation required to issue the mechanical completion certificate
- Ensuring adequate support to the PM in the relationships with the COMPANY and/or third Parties for quality topics
- Verifying special processes and the relevant workers' qualifications;
- Checking procedures and equipment to be used in tests, controls and Inspections and agreeing with the contractor the operating procedures to apply.
- Checking the documents certifying the tests, controls and inspections carried out and ensuring their orderly collection and management.
- Guaranteeing inspection status control for parts of the plant within the area of responsibility, authorizing their acceptance and completion of quality control.
- Understanding of Quality Assurance activities of standardization and implementation of Saudi Aramco Schedule-Q requirements of manufacturing & fabrication process, developing traceability of manufacturing process & materials, compliance to raw materials and production specifications in stores and document control areas as well. Draw process flow charts, Measure process deviations and to take control measures.
- Develop and maintains effective Quality Fabrication and manufacturing works, QMS, IMS, QA/QC and HSE Work Instructions, procedures, project scopes in accordance with international standards. Imparting quality trainings where required, for the managers & staff and maintaining, their training records and managing QA team of inspection staff.
- Defining Job descriptions, responsibilities and authorities. Responsible for Vendor Quality Assurance Manager and QC inspection and insight QC activities. Responsible for vendor

prequalification, audit activities, to oversee the contractor inspection performance. Inspection of all contractor supplied material.

- To ensure that QA-QC procedures are in place for daily assurance including sampling process in production to ensure product conformance during the whole process. Coordinate for sample preparation for product trials.
- Managing calibration of all Electro-Mechanical measuring and testing instruments & gauges to be used in manufacturing in compliance to international standards.
- Responsible to deal with equipment Vendors and evaluation of suppliers. Needs to examine quality system of vendors and prepare Approved Vendors Log. Prepare Quality criteria for vendor supplied materials. Verify vendor certificates, performing regular Inspections on production activities and raising inspection reports for all quality control activities/testing of materials.
- Propose Engineering Change proposals (ECPs) to minimize quality risks by following up of NCRs for minimizing NCs and forwarding suggestions. Discuss Corrective Action Report (CAR) for the rejected items for rework or disposition.
- Preparing ISO 9001:2000 QMS procedures and Conducting audits based on ISO 18001 & 9001. Evaluation of suppliers with respect to KPIs as defined in QMS. Conversant with QA and ISO, Preparing ISO 9001 QMS procedures and Conducting audits and follow up for ensuring Quality & Risk assurance.
- Updates inspection documents and data sheets. Responsible for traceability of documents and follows-up reports. Coordinate in preparing department's annual budget, monitors and controls expenditures under own responsibility. Coordinates site inspection activities. Liaisons with other departments for implementing remedial actions
- QC functions of daily activities, Responsible for developing standards and specifications as per drawing reviews and guiding staff for work assignments before work starts. Assuring compliance with standards and specifications as per agreed quality standards of clients.
- Responsible for carrying out root cause analysis for equipment failure through CAR's and NCR's raising reports and complete close outs, and in recommendations of appropriated alternative solutions. Directs and supervises works and activities performed by the sub-contractors. Directs and supervises works& activities performed by the Data entry assistant
- Promotes and controls the implementation of QMS rules and regulations. Ensures that they are in line with Company's QHSE Integrated Management system policy when applicable to his field of activities and responsibilities. Promoting views of Strategic Project Quality planning objectives. Ensure compliance with all HSE related obligations.
- Good knowledge of NDT testing standards, conducted and maintained records of Radiography qualifications.
- Experience of QA and ISO, Preparing ISO 9001:2000 QMS procedures and Conducting audits and follow up for ensuring Quality & Risk assurance. Conversant with SAES, SAMSS, NEC, NEMA, NETA, BICSI, TIA/EIA.
- Documentation and implementation of quality process plan to satisfy QM requirements. Raising inspection documentation dossier as per client and traceability requirements. I was responsible for Project Quality and Risk assurance right from scratch. True implementation of Management system for risk mitigation.
- Responsible for Liaison with customer and other external agencies and develop coordination among different project divisions for smooth.

QA/QC Inspection of Electrical Systems:

- Understanding about project drawings, specification, procedures, codes and standards, hazardous nonhazardous locations and classified Electrical installations.
- Inspection of PVC/ RGS/ EMT Conduits installation for Instrument/ Power Cables System within industrial buildings or laying above/ below ground through Ladder or Perforated Cable Tray System, Trenches, Duct Banks and Manholes.

- Pre-Com testing and installations. Such as, Power Transformers, Switchgears, MV/LV PDPs, UPS Inverters, MV/LV Induction Motors, VFDs, MV/LV MCCs, Pipe line heat tracing system, MCS/LCS, Power Socket Outlets & Explosion Proof JB's and other electrical system and equipment's in industrial building OSB, PIBs and SS, Area lighting, Equipment Grounding and Plant Grounding System, Cables Bus Ducts, Cathodic Protection of pipelines, vessels and plant metallic structures in corrosive areas, Thermite Welding Inspection for grounding conductor or CP cables.
- Familiar with pre-com activities of Electrical equipment/ Systems Single/ Three Phase MV/LV Motors Solo/ Load Run Tests, Winding Continuity Test, Winding PI Test.
- Power Sockets Polarity/ Phase Sequence Test, LV/MV/HV Transformers Pre-Energization Tests i.e. winding Continuity Test, Winding Turns Ration Test, Winding PI Test.
- Lighting Illumination Level Tests, Cables Insulation Resistance Test, Cables Flame Test, Cables Capacitance Test, Power Cables HV/MV hi-Pot test.
- Diesel Generators Solo/ Load Run Tests, Electrical Contact Resistance tests, Electrical Connections Bolts Torque Tests, Earth/ Ground Resistance Tests for grounding Systems, Circuit Breaker Trip Tests, Mandrill Tests.

QA/QC Inspection of Instrumentation Systems:

- Clear understanding about project drawings, specification, procedures, codes and standards, hazardous nonhazardous locations and classified electrical installations.
- Inspection for material receiving, Installation and pre-commissioning, handover of Explosion Proof and dust proof Junction Boxes, marshaling cabinets, local panels bypass switches for serial link and, instrument power & control cables.
- Visual / dimensional check and Calibration for field and package instruments will include Pressure, Level, Flow, Temperature and Analytical Transmitters, Transducers, Gauges, Elements, Vibration Instrument, Electronic Indicators, Switches, Control Valves, on/off valves, MOV's, Pressure Relief Valves (PZVs) and Orifice Plates, Reverse Orifice, Thermocouples & RTDs prior to installation.
- Installation of field instruments after bench calibration is complete as per P&ID's and Hook up drawings, Instrument cable lists and schedules, Instrument Index, Pressure and Electronic hookups, Instrument connection wiring, Instrument Loop Diagrams, Cable routing, electronic instruments and F&G layout drawings, As- Built Drawings, Typical Installation Drawings.

QA/QC Inspection of Security and Telecommunications:

- Clear understanding about erection and commissioning activities of Communication and Security systems in accordance with High Commission for industrial Security Standards HCIS-SEC and SAES Index-O.
- Hands on experience from design and procurement phase until installation and commissioning in coordination with system vendors such Lenel, Kaba, Bosch, Siemens, Flir, Lantern and Pelco for IDAS (Intruder Detection & Assessment System), LRDAS system, PTZ and fixed CCTV Cameras, FOFSS (Fiber Optic Fence Sensing System, MIDS (Microwave Intruder Detection System) and crash barriers.
- SACS (Security Access and Control System), ID management system, K9 shelters, X-Ray Scanner, Turnstiles, LPRS, Road blockers, Door magnetic lock with card reader system, Video Conferencing Systems,
- In-Plant Paging System and Public Addressing & General Alarm system (PA/GA), Horizontal Cabling System (SCS) UTPs & STPs, Data Network and wireless LAN, Hotline system, IP Telephony, OSP/ ISP Copper and fiber optic cables trenching, cable laying, pedestals and optipeds installation.
- Fiber optic cables splicing and end-to-end acceptance test.

- OSP duct bank fabrication, NEMA-TC-9 conduits installation, HDPE conduits installation via horizontal direct drilling (HDD).
- TR, TER, and data center inspection during building construction phase followed by equipment installation and testing.

IT Skills:

- Microsoft Word, Excel, Power Point, Microsoft Project, Google Sheets and G-Suit.

Bio:

Languages: English, Arabic, Urdu/Hindi & Punjabi.

Nationality: Pakistani

Passport Number: BT5206622

Iqama Number: 2390400782

Date of Birth: Apr 12, 1987