**Waqas Zamir (Quality Control Engineer)**

**(Aramco Approved QC Supervisor, Certified API 510, API 570, API 653, API 580, CSWIP 3.1,ISO 9001:2008, NDE Leve2)**

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**PROFILE**

⬩QA/QC Supervisor ⬩

⬩Mechanical Static & Rotating Equipment, Welding & Piping ⬩

12 Years multidimensional and dynamic experience of leading and implementing Quality Management Systems on different projects and turnarounds for Oil & Gas and Fertilizer plants. Have been involved in Construction, Fabrication and maintenance activities of Pressure Vessels, Heat Exchangers, Air Coolers, Pumps, Compressors, Storage tank, Piping and Welding etc. Worked as a lead QA/QC Mechanical and Welding Supervisor i.e. Complete Project handling from Start to finish with respect to QA/QC, Supervising a team of QA/QC Inspectors and monitoring them in their daily quality related issues, Well Familiar with various international Standard, Quality Procedures and Saudi Aramco standards. Also involved in Review/Preparation of PQP, ITP, WPS, Method statements, Quality Control Procedure (QCPs) and conducted PQRs/WPQ.

Approved from Saudi Aramco, Ad Gas, Adnoc

Looking for a challenging position as QA/QC Engineer/Supervisor in a renowned organization. Seeking a dynamic & successful career in industries & an organization, which can utilize my abilities, technical skills, interpersonal skills and leadership capabilities.

**ACADEMIC DETAILS:**

* **B.E (Mechanical Engineering) from UET Taxila Pakistan.**
* **CSWIP 3.1, Certified Welding Inspector, (ID # 86785)**
* **API 570 Certified Piping Inspector (Certificate no = 57863)**
* **API 510 Certified Pressure Vessel Inspector (Certificate no = 48973)**
* **API 653 Certified Above Ground Storage Tank Inspector (Certificate no = 88685)**
* **API 580 Certified Risk Based Inspector (Certificate no = 98906)**
* **ISO 9001:2008, Certified Lead Auditor IRCA approved**
* **ASNT Level-II in VT, RT, PT, MPI as per SNT-TC-1A from Abu Dhabi UAE**

**SAUDI ARAMCO APPROVALS:**

* Aramco Approved (Mech. QC Supervisor)

(Transmittal # SSEM-ROSTP-T-0837)

* Aramco Approved (Mech. QC Supervisor)

(Transmittal # YTPD/T-5684/2015)

* Aramco Approved (Mech. Inspector)

(Transmittal # YTPD/T-465/2014)

* Aramco Approved (Internal Auditor)

(Transmittal # T-PDA-P&C-SUL-354/2016)

**Professional Trainings:**

* HSE Induction.
* RCA Training
* H2S awareness course
* Initial Fire Response
* Coaching Mentoring course (CMC)
* Safety Leadership for Frontline Supervisors (SLS)
* Permit to Work Signatories Course (PTW)
* MERIDIUM-Inspection Management
* Windows Microsoft Office (Well versed with latest edition)
* Permit to Work (PTW) system in correlation with HSE requirements
* SCBA Trained (Self Containing Breathing Apparatus)

**EMPLOYMENT HISTORY:**

* Organization# Yanbu Aramco Sinopec Refinery (SMP)
* Position# Mechanical Engineer (Quality Control)
* Duration# (March 2018 to Present)
* Organization# Saudi Services Engineering Mechanic (SSEM)
* Position# QC Supervisor (Mechanical)
* Duration# (Dec 2017 to Feb 2018)
* Organization# Exterran Belleli Energy
* Position# QC Supervisor (Mechanical)
* Duration# (Oct 2014 to Nov 2017)
* Organization# Descon Engineering Limited Abu, Dhabi
* Position# QC Engineer
* Duration# (May2010 to Aug 2014)

**Responsibilities:**

* Ensuring and Implementing the QA/QC management system throughout the project.
* Reviewing project related Project Quality Plan PQP, Quality Control Procedures QCPs, Inspection Test Plans ITPs, Method statements MS and special processes procedures in accordance to Aramco and International Standards.
* Reviewing project related Welding procedure specifications WPS, Procedure qualification record PQR and witness the Welder qualification test WQT and issued Job clearance cards as per their qualification.
* Provide technical support to Saudi Aramco Project Management team SAPMT in resolving problems of quality/inspection and safety concerns for completing work within the scope and intent of applicable codes and standards.
* Assured that all work are in compliance to Saudi Aramco engineering requirements, standards, procedures, specifications, and Schedule Q of the project contract.
* Performing Audits and implementation of observations and audit findings.
* Coordinate for Project Document & Data control System as per procedure requirements.
* Reviewing CVs and conducting interview for Contractor and Sub Contractor Quality Personals as per Aramco Schedule “Q”.
* Attend Quality Meetings with Contractor on Weekly and Monthly basis.
* Highlights Quality issues during Quality meeting and make follow up for timely closing.
* Monitor quality and inspection activities performed by contractor and sub-contractor inspectors at all stages of project.
* Attend Weekly and Monthly Quality & Safety Walk through with SAPMT and Contractor.
* Attend Preservation Assessment Walk through and highlights Major & Minor Preservation and Quality Issues related to Piping, Static and Rotating Equipment and make follow up for timely closing.
* Issuance of Non Conformance Reports (NCR), Standard or code violations and their corrective action follow up until closing as per Agreed Completion date (ACD).
* Performed root cause analysis, assessments and recommend short or long-term remedies.
* Managing Site QA / QC / Inspection interfaces, Two week look ahead schedule and ensure that the Project Quality standards/ Procedures and codes are fully aligned.
* Monitor and inspected the site activities of Static Equipment (Heat Exchangers, Drum, Vessel, Column, Overhead Crane, Fin Fan Cooler, Fired heaters etc.) from Material Receiving MR, installation, vertical or horizontal alignment, internal installation, Box-up and preservation activities.
* Monitor and inspected the site activities of Rotating Equipment (Compressors, Pumps, Air Supply Fans etc.) from Material Receiving MR, installation, Suction Discharge Piping connection, Primary & Final Shaft alignment and preservation activities.
* Inspection of Incoming material (Structural/Piping/Fittings/Welding Consumables) as per Company and International standards.
* Monitor and inspected the site activities like Welding, Piping Fabrication, Erection, Hydro & Pneumatic Testing, PWHT & NDT with respect to inspection test plan to ensure the site activities are in accordance with approved drawings, project specifications and standards.
* Monitored and assesses the defect analysis, Welding performance at the projects and Welder continuity log.
* Witnessing and Monitored the PWHT and pressure Test activities.
* Ensuring implementation of Lay-up preservations procedures.
* Walk through for pretest punch lists and verifying Punch items after Pressure testing.
* Attend the PMCC walk through for Mechanical Completion MCC and recording/highlighting the punch items.

**Responsibilities During project:**

**Static & Rotating Equipment.**

* Inspection of Static & Rotating Equipment (Tanks, Pressure Vessels, Heat Exchangers, Air Coolers, Pumps, Compressors, Storage tank) from Pre-installation up to final activity.
* Preparation/Review & Implementing the Inspection Test Plans ITPs, Quality Control Procedures QCPs, Method statements MS and timely submission to the client for approval.
* Providing support to QA/QC Manager for preparation of specific Project Quality Plan PQP.
* Responsible to maintain all quality documentations as per Schedule Q and other related company requirements.
* Reviewing quality inspection personnel qualifications and training requirements.
* Allocates Quality Control personnel to the various areas of site activity.
* Co-ordination and Follow up with Client, vendor and Sub-contractor to expedite project activities
* Supervise the Quality Control functions/activities of a project or its parts, including quality control inspection schedules and the collection of quality records.
* Assesses the implementation of the quality plan on site.
* Coordination with engineering department for Technical issues & site modification jobs.
* Coordination with PMT, TPI & Subcontractor for inspection activities & QC related issues.
* Assist manager for internal audit.
* Collaborate for internal auditing with each department and propose appropriate corrective and preventive actions for the findings.
* Responsible to submit weekly reports and highlights to Managers.
* Attended weekly quality meetings with client and subcontractor to resolve the site quality concerns.
* Conducted daily site survey to spot check & assessments to ensure the quality of mechanical activities as per requirements.
* Prepared Request for Inspection documents as per approved ITP & attend final inspections with Client.
* Report any non-conforming items of work in inspection logbooks and informing to manager without delay.
* Conducted Incoming material receiving inspection of Equipment, Accessories & Spare parts, review of  inspection reports and release certificate (IRC), material test certificates (MTC), painting reports, NDT reports and all quality documents, dimensional checks, visual condition of materials & reporting of non-conformity (if any) to project specifications & preparation of MIR.
* Performed inspections for field rotating and static equipment (Compressors, Pumps, Cooling fans, Heat Exchangers, Drum, Vessel, Column, tanks, Overhead Crane, Fin fan Air Coolers etc.) from pre-installation up to final inspections as per vendor recommendation and company approved test plans.
* Ensured motor solo run, flange parallelism and piping stress verification have been performed before final alignment and all connected piping to the equipment have been NDT performed, hydro-tested, flushed & reinstated.
* Ensured the lube oil flushing of Pump & compressors are done as per project specification and vendor procedures.
* Verified all the internal inspection of the columns like trays, demister pad, distributor trays, structured packing, bed limiters, pipes, chimney trays & vortex breakers are completed as per company requirements.
* Verification of man way closing and final box up of columns, vessels & drum.
* Maintain the non-conformance & log book registered, coordinate with client and follow up with construction for the corrective action within the agreed completion date ACD.
* Proposed actions for all non-conformity reports initiated by company.
* Coordinated with pre-commissioning activities.
* Handled the preparation of final Mechanical completion documentations, dossier and hand over documents.
* Conduct daily site survey to spot check / monitor site subcontractor quality of works / installations.
* Conducts focus assessment with Sub contractor on how they maintain their quality documents.
* Assured proper control and calibration updating of inspection measuring and test equipment (IMTE) per the Quality System Procedures.
* Coordinated all QA/QC activities with the site QC manager & site QA/QC procurement manager.
* Action and close all customer complaints.
* Conducting daily toolbox meeting with crew, making them aware about the quality & safety measures should be taken while working inside of a live plant.
* Maintaining a safe working environment for all personnel working on the job site.

**Welding & Piping Responsibilities.**

* Preparation & Review of ITP, Quality control Procedures QCPs, Method Statements and submission to the client for approval.
* Review of Procedure Qualification Record (PQR) & Welding Procedure Specifications (WPS).
* Manage welder’s qualification test (WQT) and Prepare welder’s performance qualification reports.
* Review of welding related documents as per project requirement & make recommendations for quality improvements.
* Participate in the endorsement of Contractors QC personnel required for site.
* Participate in quality audits and assessments on the main contractor or our subcontractors.
* Prepare Request for Inspection documents as per approved ITP.
* Inspection & verification of welding consumables as per approved WPS.
* Welding consumable control as per consumables manufacturer recommendation & verified the Welding Consumables issuance and baking log.
* Co-ordinate & Performed with Client / TPI or PID for stage wise inspection as per approved ITP during construction, such as Fit-up, Welding, visual, NDT, Pre heat, PWHT, hydro testing, leak test, pneumatic test and valves installation etc.
* Co-ordinate & Performed inspections of tanks, such as Fit up, Nozzle Orientation, Welding, Vacuum Box Leak testing, Oil Penetrant leak test, Hydrotesting, Settlement verification before, during & after hydrotesting etc.
* Inspection of Piping fabrication and erection according to client’s specification and Code B31.3.
* Performed visual inspection of welding as per standards and specification for Stainless Steel, Alloy Steel, Carbon Steel and LTCS piping with Shield Metal Arc welding (SMAW), Tungsten inert gas welding (GTAW), Gas Metal Arc Welding (GMAW) and Submerged Arc Welding (SAW).
* Co-ordinate with client for RT film interpretation & Witness NDE (VT, DPT, MPI) and review reports.
* Witnessed Post Weld Heat Treatment (PWHT) & Reviewed of chart and Reports.
* Welder/weld monitoring & Update quality records for NDT percentage, welder percentage as per line class.
* Monitoring & controlling of hydro test package flow.
* Review hydro test package to ensure that the NDT summary, weld summary, weld map, support drawing, valve list, approved drawing duly marked the test limits, P &Id marked with test boundaries, check list, and all the related documents are attached in the test package.
* Prepared Piping punch list for TEST PACKS by walk down of piping.
* Co-ordinate & Witnessed of Hydro test, Leak test, Pneumatic test, Flushing/Air Blowing and Reinstatement of Piping.
* Weld repair analysis and control the rejection rate by conducting tool box meeting, training and close monitoring during production to prevent the occurrence of non-conformance.
* Co-ordinate & site verification with construction team for LBE, NCR’s/CAR’s closure
* Witness lay-up for piping and tank & Update the record.
* Maintain the lay-up requirement after hydro test within specified time period as per standard requirement.
* Coordinated with client to resolve the issues related to Test Package.
* Prepared of final Mechanical completion documentation, Dossier and hand over.
* Maintaining a safe working environment for all personnel working on the job site.

**PERSONAL:**

 **Father’s Name : Zamir Ahmed**

 **Date of Birth : 20-01-1986**

 **Passport # : AV5226302**

 **Religion : Islam**

 **Nationality : Pakistani**

 **Driving License Saudi Arabia & Pakistan**

 **Marital status : Married**