

FAIZ MUHAMMAD

METALLURGICAL AND MATERIALS ENGINEER

QA/QC ENGINEER (8.5 YEARS EXPERIENCE)

(PROJECTS/PRESSURE VESSELS, HEAT EXCHANGER, SCRAPER TRAPS, SAND TRAPS, SKIDS, STRUCTURES, PIPING).

Jubail, Kingdom of Saudi Arabia

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CAREER SUMMARY

Competent and result oriented QA/QC Engineer with strong Engineering background and with 8.5 years' experience in leading manufacturing companies.

QUALIFICATION

M.Sc. Engineering (METALLURGICAL AND MATERIALS ENGINEERING) University of Engineering and Technology Lahore	JAN-13 to DEC-15
B.Sc. Engineering (METALLURGY AND MATERIALS ENGINEERING) Bahauddin Zakariya University Multan	NOV-08 to NOV-12

PROFESSIONAL EXPERIENCE

QA/QC ENGINEER (Quality Control Department) Maritime Industrial Services, AL-JUBAIL Industrial City, KSA.	Oct-16 ~ To Present
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Key Responsibilities:

- Interacted with customers like Aramco and SABIC for manufacturing projects. Developed Inspection and test plans and inspection procedures as per international codes, customer's standards and specification for assigned projects and represented in Pre-Inspection Meetings to explain and ensure compliance with approved procedures and ITPs.
- Play as a key person from quality department for communication between Design, Procurement, Project planning department, execution department, customer, Third party inspectors and ASME inspectors to resolve quality related issues.
- Lead the developments of company's quality management systems to improve overall efficiency and enhance customer satisfaction.
- Responsible for review and approval of contractor's quality documents and Quality personals as per Aramco Quality Requirement (Schedule Q).
- Provide technical support and guidance to project QC staff.
- Preparation of ITP/QAP as per drawing, purchase order and client specification.
- Responsible for stage wise, in process and final inspection of jobs as per ITP plan and customer client specification.
- Measurement, Analysis and improvement of Contractor's quality control activities by monitoring two weeks look ahead schedule submitted by Contractor for their planned quality activities.
- Review and preparation of Material handling and preservation Procedures, Inspection check lists for various activities and Hydro test procedures etc.
- Responsible for issuance and control of Non conformances (if any) during material receiving/fabrication activities.
- Interface with supplier and customer quality representative's concern's and ensure effective corrective action are implemented.
- Responsible for monitoring and inspection of daily RFIs as per standards and specifications.
- Material receiving inspection as per company's purchase order, purchase requisition and client Specifications.

- Review of material test certificates for plates, pipes, Tubes, Tube sheets, Dish Heads, Flanges, Forgings and Fasteners etc. as per ASME/ASTM/BS/DIN/EEMUA standards.
- Reviewing material supplier/Vendor's NDT (RT, PT, MPT and UT) procedures and reports as per latest ASME codes and project specifications.
- Review of Engineering department material procurement technical data sheets as per project/client requirements
- Serve as the primary quality assurance resource to QA/QC Manager for problem identification, resolution, loss reporting, continuous improvement and maintain records inspection, examination and testing data.
- Coordination with Third party agencies (INTERTEK, ABS, BUREAU VERITAS, Delta Gulf, TUV, SGS AND ERAM ENGINEERING etc.) and Mechanical Test labs (Element, TCR Arabia, NDT CCS, ISS, AMO etc.).
- Fit-up Inspection and welding inspection for Pressure Vessels, Heat Exchangers and Piping.
- Witnessing Positive Material Identification Inspection of stainless steel, low alloy, Non-Ferrous materials and welds and reviewing reports as per ASME/ASTM materials specifications.
- Raising PWHT request as per ITP Plan and client project requirements and reviewing of PWHT charts and preparing reports.

LIST OF PROJECTS EXPERIENCE IN MIS ARABIA WORKSHOP			
CONTRACTOR	MAIN CLIENT	PROJECT NAME	EQUIPMENT.
TECNICAS REUNIDAS	SAUDI ARAMCO	FADHILI GAS PROGRAM (FGP) PROJECT SAUDI ARABIA	VESSELS
---	SAUDI ARAMCO	JEDDAH REFINERY-K.S. A	EXCHANGER (AES-TEMA TYPE)
---	SAUDI ARAMCO	TIE-IN QTIF-61 & QTIF-160 AT P-24	SCRAPER LAUNCHER & RECIEVER
PETROFAC	SAUDI ARAMCO	FADHILI GAS PROGRAM (FGP) PROJECT SAUDI ARABIA	VESSELS
SAUDI KAYAN PETROCHEMICAL COMPANY	SABIC	HP RECYCLE/TW-COOLER (E-69333)	EXCHANGER (DFU-TEMA TYPE)
SADAF	SABIC	REPLACEMENT OF DRYING COLUMN VENTCONDENSER	EXCHANGER (BEM)
SAFCO	SABIC	AMMONIA AND UREA PLANT	EXCHANGER (BFU-HORIZONTAL)
PETROKEMYA	SABIC	PETROKEMYA III QUENCH IMPROVEMENT PROJECT	TAR DRUM (EV-0148)
PETROKEMYA	SABIC	QUENCH IMPROVEMENT PROJECT	BENZENE WATER TANK (ETK- 0165)
PETROKEMYA	SABIC	QUENCH IMPROVEMENT PROJECT	PROCESS WATER FILTERS
UNITED	SABIC	UNITED ETHYLENE PLANT PROJECT(V- 1110)	DECOKING DRUM
UNITED	SABIC	STORED ETHYLENE PRODUCT VAPORIZER (E-1510)	EXCH-NXU
SAFCO	SABIC	REPLACE THE UFC TANK (I-3004F)	STORAGE TANK
TARGET	SAUDI ARAMCO	WATER OIL SEPARATOR (Q02-D-0734)	VESSELS (DIV-2)
SAAE/CECO	SAUDI ARAMCO	SOUR WATER PIPELINE PROJECT SWPLP	SKID AND PIPING
LINDE/AYTB	SADARA	LCO BUFFER MODULE FABRICATION	SKID AND PIPING

WELDING ENGINEER (Quality Control Department)
Applied Engineering

Feb-15 ~ Aug-16

- Monitoring & Witnessing of WQT (welder qualification test), PQR (Procedure qualification record), PWHT, PTC (Production test coupon) & surveillance to assure all welding processes & their parameters are as per approved WPS (Welding procedure specification).
- Monitoring of various welding processes (SMAW, GTAW and FCAW) by fulfilling essential welding parameters.
- Visual inspection of Butt joints & fillet joints for ongoing jobs.
- Witnessing of NDT activities (MT, UT and PT) as per ITP's before and after welding.
- Maintain daily surveillance reports along with checkup of weld consumables issuance, handling and storage at main welding store.
- Maintain the continuity of welders monthly wise and review of welder's qualification record.
- Maintain the logbook of each welded joint of different jobs with date and welder wise.
- Familiar with BHN hardness chart with conventional method by using standard bar.

QA/QC ENGINEER (Quality Control Department)
A.J. CORPORATION. Ltd

DEC-12 ~ JAN-15

- Understanding scope of work by reviewing scope of supply, Purchase Order.
- QA/QC representative for assigned projects in Kick of Meetings with the client.
- Review client specification and standards applicable to the job.
- Preparation and submission of project specified procedures and documents for client approval.
- Preparation of Inspection and Test Plans (ITP) for the specific job and responsible for its approval.
- Preparation of Non-Destructive Examination Plans as per code requirements and client specification.
- Responsible for verification and inspection of incoming materials and review of MTRs.
- Responsible for carrying out stage inspections with contractor and third-party inspectors.
- Representative in Pre-Inspection Meetings for assigned projects.
- Checking for consistency with general arrangement drawings as size, rating and material.
- Preparation and submission of Manufacturing Record Book to contractor.

SOFT SKILLS

- A good team player and quick learner.
- Good organizational skills developed in a variety of deadline orientated situations.
- Good administrative capabilities and supervision control.
- Seek out new responsibilities irrespective of reward and recognition.
- Result oriented and capable to solve the problems.
- Proficient and enthusiastic and Good Communication skills.
- Computer Related Skills: MS Office, Outlook, Internet Usage.

CERTIFICATIONS, TRAININGS AND PUBLICATION

- TWI CSWIP 3.1 Certified Welding Inspector (0000706472)
- ASNT, SNT-TC-1A/CP-189 NDT Level II in PT, MT, UT and RT
- Awareness Training of Quality management system-Requirements (Internal Auditor course ISO 9001-2015) by QSCert Middle East W.L.L
- Awareness Training of guidelines for auditing management systems (Internal Auditor course ISO 19011-2018) by QSCert Middle East W.L.L
- Awareness Training on Summary of Key Changes in ASME/NBIC code edition 2019 by ABS Group Saudi Arabia.
- Understanding and Implementation of 5S by MIS Arabia Co Ltd in April 2019.
- Characterization and Corrosion behavior of gas metal arc welded 316L stainless steel (M.Sc. Engineering Project).
"Effect of post weld heat treatment on mechanical and electrochemical properties of gas metal arc welded 316L stainless steel." <http://link.springer.com/article/10.1007/s11665-016-2240-z>