**Rizwan**

**QA&QC Engineer Mechanical)**

**(B.Sc Met. Eng. CSWIP 3.1, QMS IRCA Lead Auditor, TQM Cert. UT, RT, PT, MT Level II)**

E-mail: [rizwan.380355@2freemail.com](mailto:rizwan.380355@2freemail.com)

**Profile**

Having around **7 years experience** of oil and gas and power sector in specialization with Quality Management, Quality Control, Quality Assurance and Inspections. Have professional working experience in various countries such as Iraq, Oman, Pakistan with local and international engineering organizations to be named as Descon, Gazprom, CNPC, MOL BV, ORPIC etc. in the capacity of QA&QC Professional. Have performed in multiple domains of corporate sector, project sites and public sector in a working cosmopolitan environment. A graduate in Metallurgical and Materials Engineering from UET Lahore, the oldest Engineering University of Pakistan.

**Education**

**Post Graduate Diploma in Quality Management**

Pakistan Institute of Quality Control, Lahore (77% with 1st Division)

**Bachelor of Science in Metallurgical and Material Engineering (2007-2011)**

University of Engineering and Technology, Lahore (3.04/4.00 CGPA)

**Higher Secondary School Certificate Pre-Engineering (2005-2007)**

Board of Intermediate and Secondary Education, Lahore (82% with A+ Grades)

**Professional Certifications and Trainings**

* **CSWIP 3.1 (Certificate Number – 307717)** .
* **Lead Auditor ISO 9001:2008 (IRCA Certificate Number IQ – LA12350)**
* **ASNT Level II (RT, UT, PT and MT)**
* **Non Destructive Evaluation of Weldments and Their Remedies**

* **Practical Training on “Testing of Metals”**
* **Construction Project Management and Management Development Program Level-1**

**Work History**

**Client: ORPIC, Muscat Oman**

**Contractor: Descon Engineering Oman LLC**

**Location: Muscat, Oman**

**Position: QA&QC Engineer**

**Responsibilities:**

* Prepared cement lined piping WPS and PQR as per ASME Sec IX and B31.3
* Welders Qualification Test Witness as per ASME Sec IX
* Verification of piping scope of work according to UT Report and IWR (Inspection Work Request)
* Verification of piping system integrity according to API 570 inspection code
* Review of RT Films as per ASME B 31.3
* Review of PWHT Reports
* Surface preparation as per SSPC codes
* Joint Review of final Dossier with Client

**Diyan Engineering Limited**

**Location: Head Office 38KM-Multan Road, Lahore**

**Position: QA&QC Engineer (Manufacturing and Fabrication)**

**Duration: Oct, 2016 to Sep, 2017**

**Responsibilities:**

* To prepare WPS, PQR as per ASME IX
* Subcontractors pre-qualification and document review of vendor qualification
* Quality Review of Purchase orders and incoming materials MTCs, Packing List, COO
* Stage Inspection of pressure vessels at vendor premises
* To establish standard documents for company’s QHSE requirements
* To create liaison with third party inspections in accordance with ASME IX, V, VIII Div. 1 and II
* To create liaison with third party for external audits of IMS

**Project: EPC Gas Export Pipeline Badra-Zubaidah, Republic Of Iraq**

**Client: Gazprom Neft, Russian Federation**

**Position: Pipeline QA&QC Engineer of CNPC Iraq**

**Location: Badra Oil Field, Wasit Republic of Iraq**

**Duration: Oct, 2015 to Sep, 2016**

**Responsibilities:**

* To solve QA&QC related issues of project
* To prepare quality documents; Method Statements, ITPs and ITRs related to Pipeline
* To review the vendor qualification documents for their approval
* Incoming material inspection and Material Certificate Review
* To prepare WPS of Pipeline and PQRs as per API 1104
* Welders Qualification Test as per API 1104
* Surface preparation and 3 LPE Coating Inspection
* Inspection of ROW Survey and Preparation
* Pigging, gauging, cleaning, hydrotest Inspection
* Crossing and Tie-in Welding

**DESCON ENGINEERING LIMITED (Sep, 2013 to Oct, 2015)**

**Position: QA Engineer (Corporate)**

**Location: Descon Head Quarters, Lahore**

**Responsibilities:**

* SAP Core User for Quality Module and Team Lead for SAP Central Master Data Committee
* Review of Integrated Management System (IMS) Documents based on ISO 9001:2008 QMS, ISO 14001:2004 EMS & OHSAS 18001:2007 HSMS regarding QA perspectives.
* Preparation and updating of Standard Operating Procedures and Method Statements as per newly developed business requirements of the company
* Control of Integrated Management System (IMS) Documents on Master Sheet and to maintain the record of Central Quality File of IMS Documents.
* Conduct audit of Descon Integrated Management System based on ISO 9001:2008 QMS, ISO 14001:2004 EMS & OHSAS 18001:2007 HSMS and evaluation of conformance or non-conformance during the audit process

**Project: GP, Makori KPK**

**Client: MOL Oil and Gas Co. B.V.**

**Designation: QA & QC Engineer**

**Location: MOL-GPF Makori, KPK**

**Responsibilities:**

* Preparation of Method Statements, Inspection and Test Plan and Quality Procedure as per applicable international standards, project specifications and scope of work
* Incoming inspection of procured materials i.e. pipes, plates, pipe fittings, electrodes as per applicable drawings PO, packing list specifications, codes and standards
* Review of MTCs and to ensure conformity with applicable code and standard

**Project: Annual Turnaround of UCH Gas Field**

**Position: QA&QC Engineer (PC&S BA)**

**Location: UCH Gas Field, Baluchistan**

**Responsibilities:**

* Preparation for pre-shutdown activities i.e. understanding of job scope and contractual requirements, arrangement of resources as per job requirements, preparation and arrangements of welding procedures, welder qualification test and procedure qualification test.
* Development of Quality Inspection Plan as per job specifications, codes and standards
* Record keeping of inspection and testing documents and save handling of dossier to client

**Project: Annual Turnaround of Fatima Fertilizers**

**Client: Fatima Fertilizers Company Limited,**

**Position: QA&QC Equipment Engineer**

* Preparation for pre-shutdown activities i.e. understanding of job scope and contractual requirements, arrangement of resources as per job requirements, preparation and arrangements of welding procedures, welder qualification test and procedure qualification test.
* Pre cleaning inspection activities of heat exchangers, columns, Knock out drums, storage vessels
* Post Cleaning Inspectionof heat exchangers, columns, Knock out drums, storage vessels
* Repair Inspections of equipments (if any)
* Inspection of internal S.S lining of amine stripper
* Record keeping of inspection and testing documents and save handling of dossier to client



**Job Location: UCH-II Power Limited. Baluchistan**

**Designation: QA & QC Engineer**

* Inspection of fabricated piping spools as per drawings.
* To monitor Hydro Testing of piping.
* Inspection of piping according to standards, drawing specifications and method statement.
* Punch Listing and punch killing as per specification drawing and codes.
* To monitor Air blowing and air flushing.
* Reinstatement of piping before commissioning.
* Preparation of Dossier
* Implementation of WPSs (Welding Procedure Specifications)
* Monitoring of record for low hydrogen electrodes
* Keeping record of drying of low hydrogen electrodes

**Pitac Industrial Technical Assistance Center, Lahore**

**Position: Apprentice Engineer**

**Location: PITAC Head Office, Lahore**

**Duration: Oct 2011 to Oct 2012**

**Apprenticeship:**

* Preparation of sand molds with different test e.g. compact test, grain size measurements, strength test
* Measurements of X, Y and Z coordinates of molds and verification of dimensions as per drawing by using Coordinates Measuring Machine (CMM)
* Reviewing report of Tensile Testing (Tensile strength, yield strength, %age Elongation and reduction of area)
* Reviewing Bend Test Reports (Side Bend, Face bend, Root bend)
* Reviewing Hardness test reports.

**Personal Information**

Nationality : Pakistani

Date of birth : 10-10-1988

Marital Status : Single