

**Curriculum Vitae
Of
Mohammad Junaid Alam
SAP No 70005341
(Saudi Aramco approved)**

PERMANENT ADDRESS

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Position: QC Supervisor

Total Work Experience: 27 Years

Over 27 years of experience for **onshore & offshore** in construction, quality & mechanical installation inspection of piping, structural works in oil & gas producing utilities, refineries and gas oil separation plants, Gas gathering manifolds, well heads, (oil & gas) transmission lines, trunk lines, flow lines, High Pressure Sea Water Injection Lines (Internal FBE coated) Saudi Arabia. Possessing experience of RTR pipelines, assembly, hydrostatic testing of Pipelines, associated piping. **Offshore**, Jacket/deck installation, subsea pipelines, wellhead piping topside, wellhead hook-up, subsea riser clamp/spool installation, subsea skid, valve installation, hydrostatic test of pipeline and piping.

EDUCATIONAL RECORDS:

- **Diploma in mechanical Engineering (DME) from government of Bihar, India in the year 1995.**
- **CSWIP 3.1 Welding Inspector Certificate (#23764) from The Welding Institute, Cambridge, UK in the year 2006.**
- **ASNT Level II in VT, DPT, MPT, RT & UT.**
- **Registered welding Inspector (Regn. #R/24062) by the Welding Institute, Cambridge, UK.**

- International welding inspector (Diploma no.-IWI-B/GB/03865) from International Institute of Welding, UK in the year 2006.
- Saudi Arabian Oil Company (Aramco SAP # 70005341) approved Quality Control Inspector (Welding & Mechanical).
- Certified RTR Training Course by Ameron Bond stand Dammam Saudi Arabia in 2003.

HIGHLIGHTS OF QUALIFICATION:

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Company: Different Direction Company
Period: November 2024 to till the date
Position: QA/QC Spervisor
Client: Saudi Arabian Trading and Construction Company (SATCO)
Project: FCO, NRC-9 (Neom).
Location: NEOM Saudi Arabia

Responsibilities:

- Worked to develop and implement the quality management System (QMS), conducts inspections and audits, monitors quality procedure compliance, and manages documentation and non-conformance reports to ensure project activities and deliverables meet contractual specifications and industry standards. Prepared new procedure method statement and other required quality documents as per project requirements. Attended meeting to deliver quality achievement including noncompliance violation recorded at site during execution. Reviewed quality report welding, NDT (daily, weekly) to ensure the compliance. Ensured client and consultant requirement to extricate the quality issues maintained proper corresponded for their satisfaction.

Company: Different Direction Company
Period: January 2024 to 15 November 2024
Position: QA/QC Supervisor

Client: National water company (NWC)
Project: Water quality improvement projects eastern province (Dammam).
Location: Dammam Saudi Arabia

Responsibilities:

- Review and understand the project scope drawings for quality assurance. Execute the Construction quality Plans. organizes, plans, schedules, and controls the quality work and responsible for getting the project quality requirements as per code and standard. Acts as the focal point for all facets of the quality and bring together the efforts of all organizations having input into the construction and quality process. Coordinate matters

relevant to the project and expedites project operations by dealing directly with the individuals and organizations involved. Site related quality issues and concern discussed with project manager to take the right decision on time. Attends meeting with client to discuss project progress quality and other requirements. Participates meeting with safety manager site manager and construction manager, engineer supervisor to discuss and understand the site situation and resolved the issue to develop and implement quality requirements.

Company: Velosi Saudi Arabia LTD.
Period: Sep 2012 to till date.
Position: Mechanical QC Inspector

Client:

1- Saudi Aramco

Project: Offshore Hook up upgrade Scada installation & commissioning support.

Maintain potential facilities project, BERRI, pipeline increment project, Jacket & Deck installation.

Location: Zuluf Gosp 2, Gosp-3 & Gosp-4, MARJAN, Gosp-2, MRJAN-TP-9, BERRI- TP-2&3, HASBAH, ARABIYAH, Abu Safa (North area project Department (NAPID))

- Working as a PID (project Inspection Department) to ensure the mechanical activity such wellhead hookup, Piping, subsea pipelines, flexible pipeline, CRA pipelines, Tie-in spool subsea riser spools, riser clamps, J-tube, piping, structural welding and installation. Multiphase flowmeter (MPFM) skid and piping installation. Subsea Valve installations.
- Witnessing and cross verifying implementation of Saudi Aramco check list, test plan, SAICS, SATRs, and project specification requirements.
- Check and ensure welding installation of piping and pipelines, jacket legs deck, wellhead deck, helipad installation.
- Witnessed construction activity for erection and installation of piping pipeline and ensured NDE requirements such RT, PAUT, PWHT, HT, DPT, MPT, PMI etc.
- Review work reports progress report preparation weekly report to comply with project requirements.
- Reviewing contractor PQP, WPS, welder, coating applicator JCC and other work procedure as per requirement of Saudi Aramco engineering standard, procedure, Check list, and international codes.

2- Qcon

Project: EPC works of O2/N2 pipeline backbone in Ras lappan Qatar

Location: Saudi steel pipe company Dammam Industrial city 2

- Worked as a Mechanical Inspector to witness the pipe hot induction bend and mechanical test.
- Witness of preliminary Dimensional inspection such as bend radius, bend angle, Tangents ovality in bend area and end & thickness requirement as per the ITP and project specification.
- Witness of Mechanical tests such Charpy Impact test, Hardness test & metallographic evaluation test as per ITP & Project specification requirements.

3- AECOM

Project: Jeddah Storm Water Drainage Program

Location: Dammam Industrial City 1 (Amiantit)

4- JACOB ENGINEERING

Project: Sadara Project Chemical 1 (Jubail)

Location: Future Pipe Industries Limited (FPI) Dammam Industrial city 2

- Working as Approved GER Monitoring Inspector for JS DP in Dammam Industrial City 1 (Amiantit/AFIL).
- Jacob engineering approved Inspector to inspect the FRP activities for Sadara in FPI.
- Carrying out Inspection as per approved ITP such as follows:
 - **Raw Materials Inspection**
 - **Resin**
On daily basis as a part of the incoming inspection Gel time, Viscosity and Monomer content is witnessed.
 - **Glass Reinforcement**
Two types of glass (Hoop & Chop) are witnessed and reports are reviewed for visual, textural and moisture content as per the applicable AFIL standards.
 - **Silica Sand**
For Each shipment the sieve analysis of the sand received is carried out in-house by AFIL. The test results of the in-house laboratory are reviewed.
 - **Polyester Veil**
The roving of polyester veil used is visually inspected.
 - **In-Process Inspection**
 - **Resin**
On daily basis resin used for in-process is inspected for Gel time as per the requirement of ASTM D-2471.
 - **Wall Thickness**

Using a calibrated micrometer at each side of the pipe on two points the thickness of each and every pipe produced is witnessed.

- **Wall Thickness (Microscope)**
After each 1000M wall thickness (Microscope) is carried out by TP. Report is reviewed.
- **Pipe Cut Length**
Pipe cut length as per the approved MR is witnessed.
- **Pipe Calibration (Chamfering)**
Chamfering of each individual pipe is witnessed.
- **Final Inspection**
 - **Visual**
As per the applicable international standard ASTM D-2563 each pipe are visually inspected for the presence of any defect or damage. If minor repairs required, were rectified prior to the commencement of hydrostatic test.
 - **Dimensional**
Dimensional Inspection of the produced pipes is checked in compliance with the requirements of the approved drawings.
 - **Marking**
The marking is witnessed for each and every pipe produced comprising of the following details:
 - P.O. number
 - Client Name
 - Project Name
 - Contractor Name / Sub-contractor Name
 - Manufacturing Standards
 - Item No
 - Length of the Pipes
 - Name of the Manufacturer / Tensile Strength / Hydrostatic Test Pressure and Stiffness value.
 - Pipe Produced Date- Pipe Number
 - **Non-Destructive Examination**
Using a calibrated hardness tester the Barcol Hardness for each pipe is checked randomly on each side of the pipe.
 - **Quality Records**
MDR is reviewed prior to the release of each shipment.
- **Destructive Tests**
 - **Composition**
LOI tests are conducted on daily basis in accordance with the applicable ASTM D-2584 and as per AFIL Standard QW-03.
 - **Axial Strength**
Axial strength test is carried out and witnessed on daily basis for at least one sample (3 test specimen) from the daily production using specimens of standard sizes as directed in the applicable ASTM D-638.
 - **Hoop Strength**
Hoop Strength Test is carried out as per the requirement of ISO 8521.

- **Stiffness Test**
For each and every day production one sample daily is witnessed at 0°, 35° and 70° for stiffness test at a deflection of 5%.
- **In-Process Inspection**
- **Hydro Static Test**
10% of the produced pipes is hydrostatically tested at a pressure of 3bar and held for 5minutes and is witnessed.
- **Attend weekly conference meeting with Client/ Contractor and Manufacturer regarding Quality issues.**

Company: Samsung Saudi Arabia LTD.
Period: 5TH May 2012 Aug 2012.
Position: QC Supervisor (Welding)

Project: Wasit cogeneration & steam Generation project Saudi Arabia LTD.

Duties & Responsibilities:

- **Preparing Welding procedure according to different line class and material with relevant code ASME sec. IX, and Aramco standard.**
- **Preparing Welding procedure for structures supports according to AWS D-1.1 along project specifications.**
- **Arranging and qualifying (WQT) Welder Qualification test for project piping and associated structural weld activities for different welding process such SMAW, GTAW, MIGW and FCAW.**
- **Preparation and review of method statement for mechanical activities such pipe handling, storage, installation including site and fab shop welding. Storage of electrodes etc.**
- **Preparation fab shop procedure and set up the things according to client requirement to get the approval for commence the work.**
- **Performing surveillance inspection to determine the handling, storage piping components, fittings, electrodes etc.**

Company: Bureau Veritas Inspection Ltd.
Period: February 2010 to September 2011
Position: Mechanical / Piping Inspector

Project: Agip KCO Eskene West On-shore Oil & Gas processing facility. Karabatan, Kazakhstan,

Duties & Responsibilities:

- As a client inspector performing inspection of welds for piping, pipelines, related structural attachments for compliance to the relevant acceptance standard before, during and after welding.
- Inspect piping installation for size, route, elevation and direction with approve isometric drawing and ASME B31.3 code.
- Witness of Welding Procedure Qualification Test, Welders' Qualification Test as per ASME sec. IX code.
- Inspect and ensure the works are performed in accordance with the applicable code and specification e.g. ASME sec. IX ASME B31.3 standards.
- Inspect material for type size and condition (STC) and receive with mill certificate and purchase order (PO) to ensure the compliance of specification and standards.
- Monitoring material or Material Take off (MTO) for installation both structural and piping.

- Inspect the piping with test pack for its material, route, elevation etc.
- Witness of Golden joint prior to final fit up the piping with equipment.
- Inspection of bolt's tightening and torquing (as per standard and vendor recommendation).
- Review and ensure Hydro test and re instatement package.
- Review & walkthrough of document for all welds & attachment along with relevant reports in a pre-hydrostatic Test package.
- Witness hydrostatic or pneumatic test as required for all project piping & pipelines.
- Review and approve final dossier.

Company: Suedrohrbau S. A. Ltd. (Saudi Arabia)
Period: November 2001 till 22 November 2009.
Position: Supervisor CUM Inspector (Mechanical / Welding)

Project:

1. Pipe line loops for SHY-1 Expansion Phase II
2. Khurais Sea Water Injection Pipelines project
3. Khuff Gas Wells project
4. HNRP Up/Downstream Pipelines Project
5. SHY-1 NGL Pipeline Capacity Increase Project
6. Onshore Maintain Potential Project (Sedgum, Aindr)
7. Haradh Khuff Gas Project
8. Haradh Al crude Increment-III Project

9. Qatif Downstream pipelines project

10. Haradh Gas Gathering Manifolds piping, transmission Pipelines & Wellhead piping with Manifolds project.

Duties & Responsibilities:

- Inspect the fit up of weld joint for root gap, Bevel angle, pre heat in accordance of applicable code ASME sec. IX and API 1104.
- Inspect and verify the parameter and weld requirement during welding as per approved WPS and Aramco Standard SAES W 011 & 012.
- Monitor and verify the inter pass temperature with WPS to achieve a sound weld.
- Perform the documentation for welded joints, radiographed (RT) or as required NDT method as per requirement of Aramco Standard SAEP 1160 data base.
- Inspect the pipe line installation with code ASME B31.8 and plot piping with ASME B31.3

- Coordinating and deploying NDT crew to achieve required percentage of NDT for piping or pipeline in time.
- Analyze the root cause of increasing repair rates (if it happens) to minimize or eliminate by creating awareness among the welders, related workers, foremen and also the inspectors with the help of tool box meeting time to time.
- Witness PMI (positive material identification) for well head piping.
- Witness and monitor the installation of RTR pipe on different project.
- Inspect the storage of Glue, Adhesive, Hardener, Resin and RTR fittings as per Aramco standard and vendor recommendation.
- As per requirement, Performing visual inspection of welds for piping, pipelines, related structural attachments for compliance to the relevant acceptance standard before, during and after welding,
- Arranging the necessary preheating, post weld heat treatment (if necessary), Non Destructive Testing (e.g. DPT, MPT, RT, UT etc.) for the welded joints,
- Repair welds, organizing Welding Procedure Qualification Test, Welders' Qualification Test.
- Supervise and perform inspection, monitoring, verification, review NDT report include interpreting film result,
- Witness test according technical specification, applicable standard / code and procedure / work instruction meet client requirements.
- Inspect the pre heating and witness, review the graph of post weld heat treatment (PWHT).
- Witnessed Hydrostatic Test as per Pressure Test on Test Package Block includes Flushing of piping after and before pressure test.
- Witnessed Re-instatement to make sure correctness bolts, nuts and gaskets installed and its tightened and Closing Punch list once have been completed.

- Directly involve in safety matter to make sure the personnel who are allocated to their specific areas work in accordance with the safe working / HSE procedure.
- Coordinating all inspection activities being under taken in their areas.
- Performing surveillance inspection for non conformance activity if found than raise an NCR with assurance of corrective action.
- Finally documenting all welds along with relevant reports in a pre-hydrostatic package,
- Witnessing hydrostatic or pneumatic test as required for all project piping & pipelines (metallic or non metallic- e.g. RTR). Attending all mechanical punch list items for completion of work.

Period: June 1997 to 2001
Position: Supervisor (Mechanical / Welding)
Project:

1. Hawaiah Khuff gas project,
2. shaybah Oil Field Development project.

Duties & Responsibilities:

- Monitor and provide guidance for preparation of right of way, Pipe stringing, sand bags and wooden timbers skid for pipe welding.
- Handling manpower, arranging and deploy welders, pipe fitter fabricators in a proper sequence to carry out wellhead piping or pipeline installation and welds satisfactorily as per clients' requirements & standards.
- Guide and supervise to the welder and pipe fitter to carry out the work with the approve drawing (IFC)
- Assisting welding inspector in visual inspection of welds for piping, pipelines, and related structural attachments for compliance to the relevant acceptance standard before, during and after welding.
- Arranging the necessary preheating, post weld heat treatment (if necessary), Non Destructive Testing (e.g. DPT, MPT, RT, UT etc.) for the welded joints, repair welds.
- Arranging the gas for purging of weld for stainless steel material as per approve welding procedure.
- Responsible for welding electrode like storage and issuance to the welder.
- Ensure the all necessary requirement for low hydrogen electrodes as handling storage and issuing to the welder including re backing if needed.
- Assisting welding inspector by organizing Welding Procedure Qualification Test, Welders' Qualification Test.
- Material receiving from store with MTO and installed on site according to drawing.

- Performing hydrostatic or pneumatic test as required for all project piping & pipelines (metallic or non metallic- e.g. RTR). Attending all mechanical punch list items for completion of work.
- Monitor trench excavation, pipe lowering tie-in and backfilling,

Company: Consolidated Contracting Co.
Period: Jan.1996- Feb. 1997.
Position: Foreman (welding)
Project: EEP. Equate Ethylene Project. Kuwait.

Duties & Responsibilities:

- Handling manpower, arranging and deploy welders in a proper sequence to carry out piping or pipeline welds satisfactorily as per clients' requirements & standards.
- Arranging the gas for purging of weld for stainless steel material as per approve welding procedure.
- Responsible for welding electrode like storage and issuance to the welder.
- Ensure the all necessary requirement for low hydrogen electrodes.

PERSONAL PROFILE:

Father's name	: Jamaluddin Khan
Passport number	: M-2251042
Date of Expiry	: 27 th October 2024
Place of issue	: Jeddah
Language	: English, Arabic, Hindi, Urdu
Computer	: Microsoft word & excel, Power point
Driving License	: Saudi & Indian both Valid
Date of Birth	: 10, March, 1970
Blood Group	: B+
Marital status	: Married