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| ­­­­ | SHAIK AHAMED ALISHA  QA/QC Engineer  (Piping & Pipeline Welding Inspector, Painting & Coating Inspector, Mechanical Inspector, Pipe Design, Mechanical and Structural Inspector)  Telephone: +91-8317699304, +91-9491697220  Email: [alisha.qcengineer@gmail.com](mailto:alisha.qcengineer@gmail.com); [alisha.kkd@gmail.com](mailto:alisha.kkd@gmail.com) | Alisha.jpg |

**Career Objective:**

* Seeking a senior level assignment in Quality Assurance & Quality Control, Welding, Piping, Mechanical Construction, Project Engineering with reputed firm in Oil & gas/ Petroleum/ Power/ Chemical sector.
* Seeking a challenging job that will accelerate the growth of my employer as well as my career.

**Technical Qualifications:**

* Bachelor of Technology(Mechanical)
* Diploma in Mechanical Engineering
* Diploma in Computer Applications
* Type writing English Higher

**Professional Qualifications:**

* CSWIP 3.1CertifiedWelding Inspector
* BGAS-CSWIP Painting Inspector Grade-2
* QMS ISO 9001:2015 Lead Auditor(IRCA)
* ASNT Level II (RT, UT, MT and PT)
* Certification of Piping Design

**Computer Skills**

* Operating System:Dos, Windows 95, 98, 2000, NT, XP & Vista...Windows 7
* SoftwaresKnown :PDS, Auto CAD, Micro station, Navis Works Freedom and MSOffice.

**Details of Working Experience:**

An experience QA/QC Engineer and Inspector dealing on Piping & Pipeline, Welding, Painting & Coating, Oil Storage Tanks Fabrication, Auditing, Structural, Vendor Inspection, Material Inspection, Heavy Structural Fabrication and Non-Destructive Testing(NDT).

**QA/QC ENGINEER:**

* Review of method statements, QC procedures, ITP and Quality Plan and assist with establishing acceptable working practices for construction activities. Dimensional inspection of components at various stage of fabrication.
* Monitor delivery of permanent materials and ensure the quality of products / consumables / materials comply with requirements of Standards & Specifications.
* Perform routine surveillance, inspection , monitoring, auditing & assurance of site activities(Fabrication and Welding, NDT, Painting and Coating) in accordance with the Projects and Clients, specifications, ITP and Quality Plans
* Ensure all the personnel employed and operating in welding and NDE activities is duly skilled and qualified in accordance with the applicable specifications, codes and regulations.
* Interpreting and evaluating of NDT Results, witnessing Hydro test, Pneumatic test and Post test Re-instatement.
* Good working experience of P & ID, Piping Plan & Elevation and Isometric Drawing.
* Issue internal NCR for the activities against the project specification and standard, ensure that the corrective action is completed to the satisfaction.
* Witnessing Welder Qualification tests.
* Preparation of inspection documents of mechanical activities and tests report as per the approved inspection and test plan.
* Attend the project meetings and implementation.
* Perform inspection for high pressure flanges, Orifice flanges, flange alignment and orifice flange flush grinding, position of orifice flange tapping (for installation of instrument) as per service of system.
* Technical assistance to the construction client for good understanding of the scope of work.
* Ensure all pre-construction activities and qualification trials are witnessed and approved as necessary. Ensure the Inspection & Test Plan of each activity is fulfilled and “hold points” of the company are completed in due time.
* Supervision of Piping Fabrication, Welding, Mechanical and Painting jobs (Construction & Maintenance) in line with Project requirements.
* Review and comment upon Client daily inspection records for activities covered and investigate any anomalies / queries raise non-compliance reports where applicable and ensure satisfactorily closed out
* Repair follow-up, Conforming line check as per P&ID, NDT clearance, Punch List preparation, follow up of final completion.
* Identification of risks to the quality of work and the completion program, and associated solutions.
* Review and check the test package, ITP, RFI submitted by client for re-route the under ground GRP line and above ground process lines and also for change in location of pipe supports.
* Inspection of fabricated pipe spls. Dimension and orientation as per isometric prior to NDE.
* Inspection of MRR according to the material specification such as size, schedule, grads, rating, and heat no, mills certificate and test report etc and passing comment/discrepancy report if there is any discrepancy.
* Experienced in Test package identification, package preparation and verification.
* Experienced in Line checking and preparation of punch lists.
* Preparing and clearing punch list item before hydro test.
* Preparation / Review of hydro test package, Pneumatic test package, Service test package & coordination with client for final submittal and approval.
* Witnessing of hydro test / pneumatic test / leak test of piping systems.
* Flushing and reinstatement the piping system before hand over to the client.
* Responsible for all the inspection of work to be done based on the requirement of the client.
* Prepare concession requests and submit to client for approval, wherever implementation is not possible as per project specification. Monitor inspection activities and issue NCR, SOM where ever violations found.

**PIPING WELDING INSPECTOR:**

* + Inspection for daily fit up and weld visual inspection and preparation of daily fit up and welding report
  + Monitoring and Inspection of Welding before, during and after welding.
  + Visual Inspection of completed weld joint of Piping.
  + Visual Inspection of Tiein joints.
  + Witness to Notification for Inspection (NFI).
  + Inspection according to Inspection Test Plan (ITP).
* Piping fabrication shop and site construction(fit up, visual Inspection and checking line numbers…extra).
* ASME SEC IX, II, VIII & V, ASME B31.3, B31.1, B31.4, B31.8, D 1.1, API , AWS and ASTM follow the codes for Piping, Structural and Storage Tank Welding.
* Verify to Isometric and P&ID’s drawings.
* Verify Welder Performance Reports.
* Flange face and bolt torque inspections.
* Olet welding, boroscope Inspections.
* Reviewing the PWHT charts cooling rate, heating rate, soaking period

according to specification and approving the charts.

* Supervise & Monitor the fabrication activities of pipe supports and pipe spools as per companies Quality Control Test Plans.
* Flange face, Pipe Internal cleaning and Valve inspections.
* Conducting welder Qualification Test as per approved WPS.
* Witness to RT, UT, MPT and PT Inspections.
* Witness of PMI Inspection for material.
* Line check Inspections and punch closing with Client.
* Preparation of Hydro test Packages and witnessing Hydro test and Pneumatic tests.

**CROSS COUNTRY PIPELINE WELDING INSPECTOR:**

* + Knowledge of the industry technology installation technique, internationally recognized codes and standards API-570, API-1104, ASME IX, AWS, ASME B31.3, B31.4, ASTM. experience in writing / reviewing Welding, quality and the testing procedure.
  + Verify Fit-up and welding inspection of all welded pipes as per Drawing & Specification. Verify the field joint of lasting and heat shrink sleeve coating.
  + Carbon Steel(API 5L) pipes stringing of line pipes(28” & 10” pipelines).
  + Conducting welder Qualification Test as per approved WPS.
  + Visual Inspection piping welds and accepting as per code and specifications.
  + Verify Visual Inspection of Fit up of pipe joints reports.
  + Witness of HDD (Horizontal Directional Drilling).
  + Verify Weld visual Inspection of Pipe joints reports.
  + Witness of Welding Repair joint and NDT activities.
  + Review of Pipe line Radiographic Films.
  + Welding inspection of GMAW, GTAW processes.
  + Verify Welder Performance Reports.
  + Witness of cold bending of line pipes.
  + Verify Welding and NDT records.
  + Verify Preparation of Hydro test Packages and witnessing of Hydro test and Dewatering.

Witness of Holiday test for pipelines. Trenching, Lowering of line pipes.

* + Responsible for departmental coordination and execution of site work.

**MECHANICAL INSPECTOR:**

* + Witness of Welding Activities of all Crude Oil Storage and Product Oil Tanks.
  + Large diameter of Crude Oil Tanks (diameter 90 meters).
  + Taking handover equipment foundations from civil stream and witnessing bolt elevation, projection, and diagonal dimensions and releasing for equipment erection.Witness of Welding Activities all Oil Storage Tanks(Crude Oil Tanks and Product Oil Tanks).
  + Check the approved drawings for construction of Tanks.
  + Visual Inspection of Horizontal and Vertical welding joints.
  + Witness of welder Qualification Test as per approved WPS.
  + Witness to Notification for Inspection (NFI).
  + Inspection according to Inspection Test Plan (ITP).
  + Witness of welder and welding operator qualification test for SAW, FCAW and GTAW, SMAW Welding procedures.
  + Inspection of materials with Mill Test Certificate as per the requirements.
  + Nozzles orientation, fit-up alignment, level & welding inspection.

Gas Oil Tanks, ULG Tanks and Fire Water Tanks of Construction

* + Verify the API 650, API 653 and ASME Section IX code standards and Specification.
  + Witness of Oil leak test, Penetration test, MPT and RT.
  + Attend the ITR Inspection of all activities of Tanks.
  + Mechanical valve & piping needed to connect tanks to operating system.
  + Witness of Vacuum Box test.
  + Making of Punch list for Hydro Test of Tanks.
  + Check the approved drawings for construction of Tanks.
  + Witness of welder Qualification Test as per approved WPS.
  + Nozzles orientation, fit-up alignment, level & welding inspection.
  + Instrumentation work (pressure , temp, level gauges and transmitter ) calibration , installation and testing.
  + Witnessing of mechanical inspections like orientation of annular plates, bottom plates, nozzle orientation, local deviation, levelness, plumpness and roundness of Tank. Witnessing hydro test, calibration of tanks.
  + Responsible for monitoring and inspection of all mechanical equipment both rotating and static activities as per standard,
  + Taking handover equipment foundations from civil stream and witnessing bolt elevation, projection, and diagonal dimensions and releasing for equipment erection.
  + Responsible for monitoring and inspection of all mechanical equipment both rotating and static activities as per standard, codes, specification and design.
  + Performing inspection & test to verify that the activities affecting quality are performed in compliance with the requirement of applicable code & standard, specification & drawing in accordance with the established ITP or procedure.
  + Prepare an inspection report or check list in accordance with inspection & test control procedure, instruction or standard & record the inspection report / check list number on the ITP (Inspection & Test Plan) to identify the status of the inspection upon completion.
  + Inspection of Rotary Valves, Hoppers, & Bucket Conveyors.
  + Checking for pipe stress in rotating equipments e.g. pumps, compressors etc.
  + Air Cooler (Fin Fan) Motor & Fan Shaft Alignment, Belt Tension, Fan Blade Angle & Tip Clearance.
  + Inspection for hoist & overhead crane
  + Verify all the inspection activity conducted by the approved Matrix
  + Witnessing alignments and plumbness of exchangers, Vessels and columns, furnace as per project specification.
  + Witnessing preliminary alignment of pump and releasing for the pocket grout.
  + Conducting final alignments of rotating equipments such as Pumps, Finfan coolers and compressor and releasing equipments for final grouting and carrying out vibration readings at pumps and motor.
  + Witnessing inspection for internal tray, down comer, bed limiter, demister ring, nozzle, chimney trays and Random Packing.

**NDT:**

* Reviewing and amending NDT procedure (UT, MT, PT, RT,and PMI) received from subcontractor and submit to client for approval.
* Supervise NDT and PWHT activities. Assign work to NDT crew to carry out NDT as per request. Prepare test reports, submitted to client for signature. Monitor PMI on stainless steels and LTCS.
* Witness of Hardness Test, PMI, Initial TML, Ferrite Test.
* Review of RT Film and PWHT Charts.
* Witness of Vaccum box test, Oil leak test and Air leak test for Oil Storage Tanks.
* Boroscope Inspections for Olet weld joints.

**MATERIAL INSPECTION:**

* Review material requisitions, Vendor purchase orders, technical bid evolutions, project specifications, data sheets etc. Inspect incoming materials as per drawing. Review MTC and verify material traceability of equipment, construction materials and calibration certificates.
* Continual monitor of material preservation requirements for all equipment’s including Static equipment’s, Rotating equipment’s, Piping equipment’s, Electrical equipment’s, Instrument equipment’s and HVAC equipment’s based on the vendor specifications and project specifications during construction and commissioning stages from the arrival date of the equipment’s until start-up.
* Report directly to the Project Quality Manager, both technically and administratively monitored processes of various disciplines relative to the aim "Trouble Free Start-up"
* Undertake daily surveillance walk down on job site to ensure that the subcontractors complies with the TFSU / Preservation requirements.
* Conduct Tool box talk with the subcontractor about the TFSU / Material preservation at job site.
* Carryout weekly QUALITY / TFSU (Trouble Free Start-up) / preservation walk down with Client & Sub-contractor representative for each discipline in coordination with the discipline Leaders.
* Prepare and analyze the lessons learned on a regular interval during the construction activities and find the root cause and apply the mitigation procedures to control the flaws in future.
* Raise Quality and Safety related issues through online TOC (Trouble Observation Card) system.
* Responsible for Quality Award Programs & Special Quality Campaigns for continual quality improvement at site
* Initiate methods of corrective actions and introduce preventive measures when deviations to requirements arise

**PAINTING & COATING INSPECTOR:**

* Monitoring & ensuring all painting & blasting related works were carried out to the contract specificationproceduresand Quality control plans.
* Receiving Inspection for project materials used at site.
* Identifying non conformities and verifications of corrective actions.
* Monitoring and maintaining records of calibration of measuring & monitoring devices pertaining to painting works.
* Surface preparation of blasting and painting.
* Checking everyday weather condition, temperature, humidity prior to start working, materials product validity and expiry date with batch certificate.
* Keeping inspection records properly maintaining as per as quality standard.
* Providing effective training, workshop, seminars and proper support to team for achieving success.
* Highly experienced in handling Quality control kits test like surface Profile test, DFT&WFT gauge, temperature gauges (sling psychrometer& dew point Calculator), surface temperature gauge, holiday test), chloride test etc.
* Finding an all coating defects and know solution for solving all coating defects.
* Know to find RUST GRADES A, B, C, D SURFACE PREPARATION GRADES SA1, SA2, SA21/2, SA3.
* Coordination with client & inspection department for smooth and speed progress work.
* Attending the daily meeting, representing painting division and following up all relevant projects.
* Collaborating with senior engineers for ensuring the good result.

**STRUCTURAL INSPECTOR:**

* Monitoring & inspection of execution of Steel Structure works pertaining to Main Pipe rack, Unit pipe racks, Eqipment structures, Optical Silo, Storage Silo, sub-Pipe racks & Compressor Shelters as per approved drawings & Specifications.
* Attending to RFI’s raised by Concerned’s at various stages of inspection and for various activities(Pad Plate inspection, Fit-up & Welding, NDT inspection, Alignment, Bolt Tightening, Gratings fixing, Handrail erection, etc).
* Release of Structure to preceding department after inspection.
* Resolving Technical discrepancies arised on Site in consultation with seniors.
* Issuing Punchlist on job completion and closing Punchlist for final completion and handing over to client.
* Inspect structure with reference to various tolerances and specifications and also ensure usage of appropriate Material sections, Fasteners and Consumables being used.
* Ensure All NDT carried out as per specification and coustumer requirement.
* Monitoring & inspection of execution of Steel Structure works pertaining to Main Pipe rack, Unit pipe racks, Eqipment structures, Steam Turbine and Gas Turbines, Storage Silo, sub-Pipe racks & Compressor Shelters as per approved drawings & Specifications.

**VENDOR INSPECTION:**

* Inspection of various materials such as CS, LTCS, SS Inconel, Monel, Cu-Ni, Austenitic steel.
* Review mill test certificates, qualification of welding procedures (WPS/PQR).
* Witness of mechanical test related to PQR and welder qualification.
* Review radiography and endorse NDT reports.
* Witness visual, dimension and hydro pneumatic test of pressure vessels such as separator, atmospheric drums.
* Witness body and seat testing of valves, calibration of relief & control valves prior to installation.

**PIPING DESIGN & DRAFTING:**

* Pipe routing as per P & ID as per the studied piping layout.
* Pipe Supporting & Special Support Activity.
* Preparing piping component MTO.
* Assure the work is carried out as per P & ID’s, layouts drawings & isometrics.
* Familiar with various Codes & Standards.
* Preparation of 3D modeling (equipment and Pipes) in PDS and PDMS.
* Detailing the pipe line with all the fittings.
* Creating BOM of all the items present in particular list.
* Preparing line list, valve list, equipment list for the project.
* Preparation of PFD, P&ID for the project offers.
* Creating the pipe supports according to the client requirement.
* Calculations for piping as per ASME and B31 codes and ASTM, API, AWS, ANSI codes.
* Checking of Isometric piping drawings for erection and fabrication purpose.
* Preparation of valve list with schedules and instrument tapping list for piping and equipment.
* Checking of piping and equipment drawings with respect to customer/client specifications.

**AUDITING:**

* Client Auditing.
* Internal Auditing.

**Details of Work Experience(Present to Previous):**

1. **JGSK Consortium(EPC-SK E&C, Korean Company)**

**Project :KNPC-Clean Fuel Project(Brown Field), Kuwait**

Position: QC Engineer

Period: May’ 2017 to March’ 2019

1. **JGCS Consortium(EPC-GS E&C, Korean Company)**

**Project :Nghi Son Refinery and Petrochemical Complex Project, Nghi Son, Thanh Hoa, Vietnam**

Position: QA/QC Engineer

Period: October’ 2014 to February’ 2017

1. **Japan Gas Corporation (EPC-JGC, Japan Company)**

**Project : Exxon-Mobil/Qatar Petroleum RasGas BARZAN Onshore Project, Qatar**

RasLaffan Industrial City, Qatar.

Position: QC Welding/Piping Inspector

Period: June’ 2013 to August’ 2014

1. **GS E&C(EPC-GS E&C, Korean Company)**

**Project :Inter Refinery Pipelines(IRP-II) Project, Takreer, Abu Dhabi**

Position: QA/QC Welding Inspector

Period: June’ 2011 to April’ 2013

1. **IBN ZAHR (Saudi European Petrochemical Company).SABIC group, Al Jubail, KSA.**

**Project :Maintenance(Saudi Sabic Group Company).**

Position: Inspection Engineer

Period: October’ 2010 to May’ 2011

1. **CRISTAL TITANIUM DIOXIDE COMPANY LTD, Yanbu, KSA.**

**Project :Expansion Project**

Position: Piping Engineer

Period: December’ 2009 to August’ 2010

1. **AFI (ALAA FOR INDUSTRIES), AlJubail, KSA.**

**Project :Sea Bulk Loading Project(Petrokemya Petrochemicals Company).**

Position: QC Piping Inspector

Period: June’ 2008 to November’ 2009

1. **AVINEON INDIA PVT LTD., Hyderabad, India.**

**Project :Power Plant (Dubai), SCM Sugars, 1X26 MW STC (BHEL, Hyderabad).**

Position: Piping Design Engineer.

Period: October’ 2004 to April’ 2008

1. **SIMPLEX CONCREATE PILES (I) LTD, Kakinada, India.**

**Project :Expansion Project (Nagarjuna Fertilizers and Chemicals Company Ltd.,)**

Position: Structural & Piping Inspector.

Period: September’ 1999 to August’ 2004

1. **SIMPLEX CONCREATE PILES (I) LTD, Kakinada, India.**

**Project :Spectrum Power Generation India Pvt. Ltd., (Rolls Royce Industrial Power (I) Ltd., UK based EPC**

**Major, 208 MW Combined Cycle Power Plant)**

Position: Structural and Piping Supervisor.

Period: August’ 1994 to August’ 1999

**Personnel Details:**

**Name : Shaik Ahamed Alisha**

**Nationality : Indian (Andhra Pradesh State)**

**Age : 50 years**

**Passport Number : K2759616**

**Passport valid upto : 15-2-2022**

**Passport place of issue : Visakhapatnam (Andhra Pradesh), India**

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**Right now I am in India, Immediate available.**