

SHASHI PRATAP SINGH

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QC Inspector - Piping | Welding | Mechanical | Storage tank | NDT | Painting-Coating

A QA/QC Inspector (Mechanical & Welding) with over **12+ years** of progressive experience in a multicultural environment across oil and gas, chemicals and power project in the oriented field of mechanical, piping, welding and NDT inspection, storage tank inspection, painting-coating inspection, project execution, supervision and handover. Strong exposure in quality and executing construction activities & ensuring compliance to quality standards and maintaining all related documents. Quick adaptability to changing technologies to meet new requirements successfully with a systematic and organized approach for increased efficiency and competence.

PROFESSIONAL EXPERIENCES

March 2020 – Till Date, TTSJV WLL JV Company (BAHRAIN)

(Technip FMC, Samsung & Tecnicas Reunidas)

As Designation- QA/QC Engineer (Piping, Welding & Coating))

Project- BAPCO Refinery Modernization Project

Nov 2019 – Feb 2020, Galfar Engineering & Contracting SAOG (OMAN)

As Designation- Sr. Welding Inspector

Project- Daleel Petroleum (On plot Piping & Storage Tank Const.)

Sep 2019 – Oct 2019, Global Pageant Engineering Consultants LLC (UAE)

As Designation- Inspection Engineer

Project- ADNOC Shutdown Project (Dubai, Abu Dhabi)

Jan 2018 – July 2019, Gama Power Systems Engineering (BAHRAIN)

As Designation- QA/QC Inspector (Mechanical & Welding)

Project- ALBA Line 6 Extension Power Station 5 Project (Bahrain).

Feb 2013- Dec 2017, Bureau Veritas (SAUDI ARABIA)

As Designation- QA/QC Inspector (Mechanical & Welding) -

Project- Saudi Aramco Project, Yasref Refinery project, Sadara Chemical Project , Wasit Gas Project, OMPP NA-1 & NA-2 Onshore Pipeline project.

Jan 2012 – Sep 2012, Rawabi Industrial Support Services (SAUDI ARABIA)

As Designation- NDT Coordinator

Project- Satrop Refinery Project and Marafiq IWPP project (Jubail)

Aug 2008 – Nov 2011, NDT System Pvt Ltd. (INDIA)

As Designation - NDT multi inspector

Project- Anrak Aluminium Project and Reliance Refinery Jamnagar Project.

Key Recent Deliverables:

Piping, Pipeline, Steel Structure, Welding & NDT Responsibilities:

- Review ITP & procedures as per the Job Specification/ Client / Code requirements.
- Preparation & Qualification of PQR, WPS, WQT as per applicable standards and specifications.
- Witness the execution of PQR, WPS and conduct WQT.
- **Review** WPS and PQR as per project specification.
- To follow all **quality control** procedure, inspection and test plan.
- Maintaining and Review the daily basis weld log & backlog NDE joints.
- Documentation as per project & client's requirement.
- Preparation & Monitoring of the Repair rate on the monthly and weekly basis.
- To Qualify Welders and Welding Operators. To monitor welder performance and their repair rates in accordance with job quality requirements.
- Inspecting the piping & Punch listing of piping, equipment, packages, and arranging for final walk down with client.
- Reviewing final Packages for Hydro tests, approving & releasing for Hydro test as per project guidelines.
- Preparing the punch list items as per P&ID and Isometric such as, Pipe supports, Valves, Guides, Shoe supports and NDT completion and approving/ releasing packages for hydro test.
- Review of test Packs & Witness Hydro test, Pneumatic test.
- Issue of NCR report based from test result or violation of a specified project requirements.
- Check and identify the root cause of preventive and corrective action done at site.
- Organizing internal Audits in line with Audit Schedule / Internal Audit procedure.
- Conduct Management Review Meeting based on Audit results / Finding / System Effectiveness / Improvements, NCR Control, etc.
- Supervision of process of qualification of all the welders. Custodian of all Welders Qualification Test Records and Continuity Log Sheets.

- Traceability of materials with respect to mill certificate for receiving material like pipes, plates, flanges, elbows and so on.
- Familiar with welding inspections that is before, during and after welding activities at site.
- Weld repair measurement analysis.
- Familiar with all NDE methods RT, PT, MT, UT & RT film interpretation.
- Verifying all inspection tools, test Equipment's are calibrated and all calibration certificates are currently valid, whatever tools, test Equipment's are using to the project.
- Co-ordination of all destructive and NDT at various sites for different locations.
- To offer NDT test for the required and backlog joints as per weld log.
- Checking joint fit-up & Monitoring and controlling welding consumables
- Insured adherence to Welding and its parameters as per Welding Procedures Specifications (WPS)
- Supervision and inspection Welding, Pre-heat and Post Weld Heat Treatment of weld.
- Development and implementation of inspection checklist and report/format.
- Responsible for alloy metal verification.
- Reviewing vendor quality dossiers, material traceability, quality and manufacturing plans including the fabrication procedures and confirming key quality control items and hold points.
- Attending& Witness the Repairs of the weld joints.
- Writes inspection Reports, Worksheets, Non-compliance Reports of on-site inspection findings and maintain inspection records.
- Involved in piping erection fit-up of small & big bore pipes & supports and monitored fabrication & welding on daily basis as per ITP guidelines.
- Inspection of installation GRP & GRE piping valves, flange, manifold fabrication of piping support and joint fit-up preparation prior to full welding and pipe spool cleanness as per drawing and specification.

Storage Tank Responsibilities:

- Annular Plates, Bottom Plates, Roof plates lying and fit up Inspection & Inspection of Shell Plates vertical fit up & Horizontal fit up.
- Modification of tanks with shell patch plates fit up inspection
- Inspection of nozzle orientation and fit up inspection with RF pads.
- Carry out RF pad pneumatic test, Bottom & Roof plates vacuum box testing.
- Carry out inspection of Oil and Penetrant test or MPI for shell plates with bottom plate's fillet weld.
- PT of shell plates Vertical seam & circumference seam back chipping inspection
- Carry out inspection of Peaking and Banding of shell plates.
- Checks verity the plumpness and ovality of the Vertical storage tanks with application codes.
- Inspection pickling and Passivation of SS storage tanks.
- Carry out Hydro test with full of water as per client Requirement
- Preparing of daily inspection report and final documentation & dossier as per client.

Painting – Coating Responsibilities:

- Coating / Painting for Pipe Line & Piping, Storage Tanks, Boilers, Structural etc.
- Conducted Blaster and Painter Qualification Tests and certified them.
- Verification of Technical data sheets compliance with the specification.
- Verified required tools and equipment has to be used are calibrated & properly tagged.
- Inspection of surfaces after blasting (abrasive blast).
- Check surface profile by using Testex tape (Replica Tape)& Calibrated micrometre.
- Check wet & dry film thickness & various standard adhesion tests.
- Supervising the Coating/Painting Repair Activities.
- Issuance of NCRs for Violations found during inspection.
- Preparing Daily Coating/Painting Progress Report & Prepare Daily Inspection Reports.

FAMILIER WITH INTERNATIONAL CODE & STANDERDS

- ↳ ASME B31.1, B31.3, B 31.4, B31.8, AWS D1.1, API 1104, 650, 653
- ↳ ASME Section II Part A, B, & C, Section V, Section IX

EDUCATIONAL & TECHNICAL CERTIFICATIONS

- ↳ Diploma Degree in Mechanical – AIMA Collage, India (2005 – 2008)
- ↳ CSWIP 3.1 (Certified Welding Inspector) from TWI, UK (Valid up to Dec 2021)
- ↳ CSWIP-BGAS Grade-II from TWI, UK (Valid up to 2022)
- ↳ ISO 9001:2015 (Quality Management System)
- ↳ ASNT NDT Level II in (RT, UT, PT & MT)
- ↳ Six Sigma Yellow & Black Belt Certification
- ↳ Basic H2S training from Bureau Veritas

PERSONAL DETAILS

Date of Birth: 01st Jan 1990 | **Nationality:** Indian

Languages: English and Hindi

Passport: P0676089

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Contact details

