

**Ramjith**

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**QA/QC Piping and Welding**

**CAREER OBJECTIVE**

To pursue a career in a company where my inter-personal skills can be utilized to achieve the objective of the organization &which provides me an opportunity of continuous learning,

**EDUCATIONAL QUALIFICATION**

* **Bachelor of Engineering (B.E) degree in mechanical Engineering.**

**TECHNICAL QUALIFICATION**

* Certified Welding Inspector 3.1(99299)
* ASNT Level II(PT,RT,UT,MT)

**KEY EXPOSURE**

* Production /Project
* Quality control
* Piping Inspection
* Welding Inspection
* NDT Interpretation
* Leak testing**.**

**CAREER PROFILE**

**7Years of Experience as QA/QC INSPECTOR (PIPING &WELDING) in the construction ofRefinery,Petrochemical,Gas Plants.**

Worked as a **QA/QC Inspector (Welding and Piping)** for 4 years in India with Sharp Tanks and Structurals Pvt.Ltd.Have worked at Saudi Aramco site as a Saudi Aramco Approved Piping Inspector.Currently working as a piping and Welding Inspector in **Samsung EngineeringSaudi Arabia**.

**WORKING SUMMERY**

1. **Samsung Engineering Saudi Arabia**

* Duration : February 2016 to March 2017.
* Role : QA/QC Welding Inspector
* Client : Luberef
* Poject : LuberefYanbu Refinery Expansion Project.

1. **Samsung Engineering Saudi Arabia**

* Duration : May 2014-Januray 2016
* Role : QA/QC Piping Inspector.
* Client : Saudi Aramco,
* Project : Shaybah Increasing Gas Handing Capacity.3

1. **Sharp Tanks and StructuralsPvt.Ltd.**

* Duration : April 2010 – March 2014.
* Role : QA/QC Engineer.
* Client : Fernas Construction India Pvt.Ltd.
* Project : Opal IU & Offsite Package,Dahej,Gujarat.

**SUMMARY OF DUTIES AND RESPONSIBILITIES**

**PIPING&MECHANICAL(STATIC) INSPECTION:**

* Review of all project related Quality Documents, ITP’s, related procedures, International standards and code such as ASME, AWS, API and standards of EIL (Engineers India limited)
* Review of P&ID, GA Drawings and Isometric, Plan and Support drawing for under and above ground piping’s, manholes and catch basins.
* Co ordination with Site Engineers, Supervisors, TPIA / Client for every stage by stage inspection and Documentation of every activities.
* Review of Mill Test Certificates (Identification) of various inward materials.
* Receiving inspection of pipes and piping materials as per job requirements, piping class and Drawing.
* Monitoring and surveillance of proper storage and handling of materials at stores and field.
* Submission of final reports and documents for QA/QC Dept.for review and approval from clients.
* Responsible to ensure that the Quality work and quality deliverables of piping activities are carried out as per standard requirements.
* Inspection of piping internal cleanliness.
* Control of quality for piping fabrication such as fit up,visual and dimensional inspection conforming to approved for construction drawing.
* Verification and pipe supportinstallation.
* Witnessed,checked,monitor and inspect of hydro/pneumatic test pressure as per standard.
* Test package co-ordiantion with client and sub-ordinates.
* Piping flange joint inspection,gasketverification,bolttightening,orifice plates installation and valve installation.
* Line flushing,airblowing,pressuretesting,piping lay-up inspection,relief valve installation, re instatement and final Inspection for mechanical completion.
* Line checking and preparation of punchlist.
* Monitoring and documentation of traceability of materials.
* Stage wise inspection of shop spool and field fabrication process as per ITP and drawing.
* Line flushing,airblowing,pressuretesting,piping lay-up inspection,relief valve installation, re- instatement and final Inspection for mechanical completion**.**
* Preparation of weld maps, as built and modification drawing if required.
* Inspection for Re-instatement activities.
* Final documentation and hand over.
* Rise and resolve of client Non-Conformities (NCR)
* Inspection of formed components (Visual, dimensional, DPT checking & Interpretation of SR or Normalizing chart)
* Pre-installation,elevation/alignment,internal installation and leak testing,flange joint-gasket verification and bolt tighting and vessel closure inspection as per ITP,Inspection check list.
* Inspection of pressue vessel components,i.e Plates,Pipes& Piping components,Fastners,Flanges,Pipefittings,Strainers,Demister pads and special parts designed as per the international codes and standards.

**WELDING INSPECTION:**

* Review of approved WPS and PQR.
* Witness of welder qualification test (WQT) and procedure qualification test.
* Review of received filler and consumable Test Certificate (TC).
* Monitoring of consumable storage, handling, baking and drying temperature as per project approved procedure.
* Monitoring of welding parameters as per WPS, such as Ampere, Volt, Heat input, Polarity, Technique and others.
* Inspection of edge preparation, such as bevel angle, root face, root gap and surface clean.
* Monitoring of Pre heat, Inter pass temperature and inter pass cleaning as per WPS.
* Inspection of purging gas level and dams.
* Visual inspection of welded joint profile, throat thickness and surface finish and defects.
* Responsible for the marking and rectification of all weld repairs identified by NDE process.
* Preparation of joints for NDE as per required Inspection Class.
* Offering of joints and organizing the NDE team.
* Monitoring of PWHT and review of its charts.
* Witness of Hardness Test, PMI.
* Marking of defect location for Repair as per NDE result.
* Offering of joints and organizing the NDE team.

**LEAK TEST:**

* Preparation and review of Hydro Test Packages.
* Determination of package Battery Limit.
* To witness proper blinding, isolation of connection not in limit, temporary gasket.
* To witness the item to be removed before test, which is exempted, as per requirement.
* Conducting walk through and preparation of pre leak punch list.
* Resolving the pre leak category “A” punch items with construction team.
* Preparation of weld history and as build drawing.
* Inspection of test media quality (Chloride Content), temperature & pressure recorder, gauge installation, holding time and pressure.
* To witness the reinstatement and re-installment.
* Preparation of post leak punch items, category “B”, and final documentation.
* To witness and ensure proper flushing, drying and purging, if necessary, are done after leak test completion.

**PERSONAL INFORMTION**

* Date of birth : 04 -04-1988
* Visa Detail : 01/09/2017-31/11/2017
* Martial status : SINGLE
* Sex : Male.

**DECLARATION:**

I here by declare that the information I given here is true and of best of my knowledge.