**P.V. SARANG**

**Saudi Aramco Approved QC Manager Email:** [**sarangmumbai@gmail.com**](mailto:sarangmumbai@gmail.com)

**PROFESSIONAL RESUME**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Candidate’s Name | : | P. V. Sarang |
| 2. | Proposed Project Position | : | QA/QC Manager |
| 3. | Contact Number | : | **0583610531** |
| 4. | Professional Work Experience | : | 30 years |
| 5. | Candidate’s current job title | : | QC Manager |
| 6. | Experience in current job title | : | 25 Years |
| 7.  8.  9.  10. | Educational qualifications  SAP no available 80009598  Vendor Code available.  Visa- freelancer | : | * Diploma in Fabrication Technology * ISO 9001-2015 Certified Lead Auditor * ARAMCO approved QC Manager |

WORK EXPERIENCE:

**Position: QA/QC Manager**

**Contractor :- Wison engineering**

Client Aramco

**Project: PK Propane Bullet level Imbalance Project**

**Date of Joining :- Oct 10,2020 to as on Date.**

**Responsibilities:**

* Implementation and maintenance of an efficient Quality Control Program.
* Guiding all QC Inspectors for all Quality related issue.
* Conduct daily meetings with Supervisors, Inspectors & technicians to ensure that the Job is completed in all respect.
* Conduct Tool Box talk as and when require.
* Monitoring of all inspection activity at Wison Yard & Supplier site .
* Monitoring all Material preservation at Wison yard.
* Making the best use of Aramco standards-(SAES, SAIC, SAMSS & SABP), API, ASTM & ASME standards.
* Time to time coordination and follow-up with PMT, PID, Main contractor , Sub-Contractor and Vendors.
* Taking initiative for resolving complaint, NCR, LBE & Observation received from & Aramco PID.
* Provide documentation that will be traceable to ensure that the Quality standards have been met.
* Day to day in-touch with QC personnel & Aramco PID.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Submission of Weekly QA/QC report & two week look ahead schedule to Aramco
* Discussion with Wison top management and bringing into notice the discrepancies, Urgent requirement of Manpower, Material, Tools required for Inspection activity.

**Position: QA/QC Manager**

**Contractor :- CRSEGC Al Jouf**

Client Aramco

**Project: Construction of Bulk Plant**

**Date of Joining :- August 1,2020 to October 10,2020.**

**Responsibilities:**

* This short duration was for closing Company NCR for non-availability of Aramco Approved QA/QC Manager for its Sub-contractor
* The job was only one No Water Storage Tank at Al Jouf Bulk storage Plant
* Implementation and maintenance of an efficient Quality Control Program.
* Guiding all QC Inspectors for all Quality related issue.
* Conduct daily meetings with Supervisors, Inspectors & technicians to ensure that the Job is completed in all respect.
* Conduct Tool Box talk as and when require.
* Monitoring of all inspection activity at Wison Yard & Supplier site .
* Monitoring all Material preservation at Wison yard.
* Making the best use of Aramco standards-(SAES, SAIC, SAMSS & SABP),API, ASTM & ASME standards.
* Time to time coordination and follow-up with PMT,PID, Main contractor ,Sub-Contractor and Vendors.
* Taking initiative for resolving complaint, NCR, LBE & Observation received from Flour & Aramco PID.
* Provide documentation that will be traceable to ensure that the Quality standards have been met.
* Day to day in-touch with QC personnel & Aramco PID.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Submission of Weekly QA/QC report & two week look ahead schedule to Aramco

**Position: QA/QC Manager**

**Contractor :-** Evergreen

Client TR

**Project: RTR Clean Fuels Complex Project**

**Date of Joining :- March 01,2020 to July 2020.**

**Responsibilities:**

* Implementation and maintenance of an efficient Quality Control Program.
* Guiding all QC Inspectors for all Quality related issue.
* Conduct daily meetings with Supervisors, Inspectors & technicians to ensure that the Job is completed in all respect.
* Conduct Tool Box talk as and when require.
* Monitoring of all inspection activity at LUP-08 workshop & Site.
* Monitoring all Material preservation at LUP-08 yard.
* Making the best use of Aramco standards-(SAES, SAIC, SAMSS & SABP),API, ASTM & ASME standards.
* Time to time coordination and follow-up with PMT,PID, Main contractor ,Sub-Contractor and Vendors.
* Taking initiative for resolving complaint, NCR, LBE & Observation received from TR & Aramco PID.
* Provide documentation that will be traceable to ensure that the Quality standards have been met.
* Day to day in-touch with TR QC personnel & Aramco PID.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Submission of Weekly QA/QC report & two week look ahead schedule to TR
* Discussion with Evergreen top management and bringing into notice the discrepancies, Urgent requirement of Manpower, Material, Tools required for Inspection activity.

**Position: QA/QC Manager**

**Contractor :-**  thyssenkrupp Industrial Solutions (India)

Client Farabi Downstream Company Jubail

**Project: EPC project for Paraffin and Derivatives Complex Jubail KSA**

**Date of Joining :- December 2019 to January 2020.**

**Responsibilities:**

* Implementation and maintenance of an efficient Quality Control Program.
* Providing vendor appraisals to ensure the high standard of purchased materials.
* Daily interact with Inspector & ensure that the Job is completed in all respect.
* Daily record keeping, tracking Walkthrough & Inspection activity carried out at Site.
* Provide documentation that will be traceable to ensure that the Quality standards have been met.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Review of MDR and final document dossiers from Sub-Contractors & Vendors.
* Conduct interview of all Sub-Contractor Inspectors before deploying to Site.
* Ensure all Walkthrough are carried out to satisfaction of FDC
* Tract & follow up for all pending Walkthrough from Sub-Contractor.
* Attend daily meeting with Client and close any issue raised by Client.
* Auditing of Vendor & Suppliers.
* Preparation of final documentation and hand over to client..

**Position: QC Manager**

**Sub-Contractor :- Daeah E&C**

**Contractor :-HDEC**

**Project: Ethane Deep Recovery Facility Project**

**Date of Joining :-Feburary 2018- Nov 2019**

**Responsibilities:**

* Implementation of Quality Management System with reference to Schedule Q & ISO 9001.
* Review Project Specific Quality System every six months to ensure that the System is suitable, adequate and effective.
* Discussion with Top Management for recruiting of Quality Personnel as per Sch Q/.
* Ensure that Quality Plan are implemented during Procurement Phase & Construction Phase.
* Ensure Project Quality Index (PQI) is maintained above 95%.Ensuring Measurement, Analysis and improvement of processes as per Schedule Q.
* Ensuring Quality Personnel employed shall have required Qualification and experience requirements.
* Ensuring the Company Standards and Procedures containing Quality Requirements are implemented as per requirements of ARAMCO.
* Implementation and maintenance of an efficient Quality Control Program.
* Conducting internal audits and submitting to Aramco through HDEC.
* Implement documentation that will be traceable to ensure that the Quality standards have been met.
* Implement Corrective Procedures on non-conforming services or materials.
* To take positive step close Log Book Entry, Observation Report & NCR.
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* To track of all NDT activity.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Keeping track of all RFI released by Daeah and ensure completion of Inspection Activity.
* Conducting Training programs / tool Box Meeting for Welders, Fitters, Foreman, Shop Supervisors & QC Inspector to meet the Quality requirement of Aramco.
* Conduct training Program for Local Saudi National as a part of Saudi Arabian Training Program.
* Guiding the welding Inspectors involved in PWHT activity of HDEC.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Reviewing Test pack document for Mainfold &Hydrotest of pipelines.
* Monitoring Inspection of Consumable stores, Preparation of WPS, Running of PQR, Execution of welder’s Qualification at Training school.
* Preparation of QA/QC Documentation for weekly reporting to Aramco/Hyundai.(case to case basis) such as
* Two week look ahead schedule
* Latest organization Chart
* Reporting Inspector to workman ratio
* WRR- form W-2019 & W-2013
* Electrode consumption record W-2010
* Final documentation and hand over.
* Preparation of PQP, Method Statement & Procedure for the Project.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases.
* Review of QA/QC Procedures, Method Statements, ITPs.
* Coordinate with Client Inspectors and PID to ensure that all Inspections are carried out on timely basis.
* Issue Non-Conformance Reports.
* Joint Inspection with third party, sub-contractor & Client.
* To review Inspection Reports related to perform, Visual examination, Dimensional check, Alignment check, welder’s Qualification Test, Heat Treatment & Stress relieving of piping spool joints, Aramco approved Documentation for PQR & WPS.
* Guiding all Inspector & top management for implementation of QMS &Sch Q.
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* To monitor track of all NDT activity.
* Conducting Training programs for Welders.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases.
* Review of QA/QC Procedures, Method Statements, ITPs.
* Coordinate with HDEC Inspectors and PID to ensure that all Inspections are carried out on timely basis.

**Position: QC Manager**

**Company: SEPCO**

**Project: Shaybah Combined Cycle Facilities Project**

**Period: June 2017 – Sept 2017**

**Responsibilities:**

* Implementation of Quality Management System with reference to Schedule Q & ISO 9001.
* Review Project Specific Quality System every six months to ensure that the System is suitable, adequate and effective.
* Ensure that Quality Plan are implemented during Procurement Phase & Construction Phase.
* Ensuring Measurement, Analysis and improvement of processes as per Schedule Q.
* Ensuring Quality Personnel employed shall have required Qualification and experience requirements.
* Ensuring the Company Standards and Procedures containing Quality Requirements are implemented as per requirements of ARAMCO.
* Implementation and maintenance of an efficient Quality Control Program.
* Conducting internal audits.
* Implement documentation that will be traceable to ensure that the Quality standards have been met.
* Implement Corrective Procedures on non-conforming services or materials.
* To take positive step close Log Book Entry, Observation Report & NCR.
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* To track of all NDT activity.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Conducting Training programs / tool Box Meeting for Welders, Fitters, Foreman, Shop Supervisors & QC Inspector to meet the Quality requirement of Aramco.
* Conduct training Program for Local Saudi National as a part of Saudi Arabian Training Program.
* Final documentation and hand over.
* Preparation of PQP, Method Statement & Procedure for the Project.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases.
* Review of QA/QC Procedures, Method Statements, ITPs.
* Coordinate with Client Inspectors and PID to ensure that all Inspections are carried out on timely basis.
* Issue Non-Conformance Reports.
* Joint Inspection with third party, sub-contractor & Client.
* To review Inspection Reports related to perform, Visual examination, Dimensional check, Alignment check, welder’s Qualification Test, Heat Treatment & Stress relieving of piping spool joints, Aramco approved Documentation for PQR & WPS.

**Position: QC Manager**

**Company: DAEWOO - JGC**

**Project: Jizan Refinery & Terminal Project**

**Period: June 2015 –May2017**

**Responsibilities:**

* Implementation of Quality Management System with reference to Schedule Q & ISO 9001.
* Review Project Specific Quality System every six months to ensure that the System is suitable, adequate and effective.
* Ensure that Quality Plan are implemented during Procurement Phase& Construction Phase.
* Ensuring Measurement, Analysis and improvement of processes as per Schedule Q.
* Ensuring Quality Personnel employed shall have required Qualification and experience requirements.
* Ensuring the following Company Standards and Procedures containing Quality Requirements are implemented as per requirements of ARAMCO.
* Implementation and maintenance of an efficient Quality Control Program.
* Conducting internal audits.
* Implement documentation that will be traceable to ensure that the Quality standards have been met.
* Implement Corrective Procedures on non-conforming services or materials.
* To take positive step close Log Book Entry, Observation Report & NCR.
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* To track of all NDT activity.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Conducting Training programs / tool Box Meeting for Welders, Fitters, Foreman, Shop Supervisors & QC Inspector to meet the Quality requirement of Aramco/JGC/Daewoo.
* Conduct training Program for Local Saudi National as a part of Saudi Arabian Training Program.
* Final documentation and hand over.
* Preparation of PQP, Method Statement & Procedure for the Project.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases.
* Review of QA/QC Procedures, Method Statements, ITPs.
* Coordinate with main JGC Inspectors and PID to ensure that all Inspections are carried out on timely basis.
* Issue Non-Conformance Reports.
* Joint Inspection with third party, sub-contractor & Client.
* To review Inspection Reports related to perform, Visual examination, Dimensional check, Alignment check, welder’s Qualification Test, Heat Treatment & Stress relieving of piping spool joints, Aramco approved Documentation for PQR & WPS.

**Position: QC Manager**

**Company: IK HOLDING COM /SKEC**

**Project: WASIT GAS PLANT**

**Period: March 2014 – April 2015**

**Responsibilities:**

* Implementation of Quality Management System with reference to Schedule Q & ISO 9001
* Review Project Specific Quality System every six months to ensure that the System is suitable, adequate and effective.
* Ensure that Quality Plan are implemented during Procurement Phase, Construction Phase & Pre-commissioning Phase are implemented.
* Ensuring Measurement, Analysis and improvement of processes as per Schedule Q.
* Ensuring Quality Personnel employed shall have required Qualification and experience requirements.
* Ensuring the following Company Standards and Procedures containing Quality Requirements are implemented as per requirements of ARAMCO.
* Implementation and maintenance of an efficient Quality Control Program.
* Providing vendor appraisals to ensure the high standard of purchased materials.
* Conduct training in accordance with the Personnel Qualification and Certification Program.
* Conducting internal audits.
* Provide Vendor and Supplier audits.
* Preparation of documentation that will be traceable to ensure that the Quality Standards have been met.
* Preparation of two week look ahead Inspection schedule.
* Reporting of QA/QC Manpower and mobilization plan.
* Reporting Status of Log Book entries.
* Initiative to close all Non Conformance log ( Aramco and Contractor)
* Implement Corrective Procedures on non-conforming services or materials.
* Ensure Training programs are carried out on regular basis and sufficient practical testing has been done to assign the various technicians to the different levels of competence.
* Prepare and get approval of MDR and final document dossiers.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases. Calibration of Tools and Record Maintenance Compliance to ISO 9001.
* Clearing of all Punch list and carrying out jointly” Walk through” with Client & Aramco at 60% Mechanical completion of Project.(MCC)
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* Review of QA/QC procedures, Method statements, ITPs
* Coordinate with main PID and SKEC inspectors.
* Issue non-Conformance Reports.
* Joint Inspection with third party, sub-contractor & Client.
* To review Inspection Reports related to perform Material identification, Visual examination, Dimensional check, Alignment check, stamping, Water fill up Test, welder’s Qualification Test, machined & fabricated components, PQR & WPS.

**Position: QA/QC Manager**

**Company: Reliable Fabricating & Engineering Industries, Navi Mumbai, India.**

**Project: Shop & site fabrication for Refineries, chemical & Fertilizer Plants in India.**

**Period: Sept 2011 – February 2014**

**Responsibilities:**

Total in-charge of QA/QC activities and overall supervision.

* Implementation and maintenance of an efficient Quality Control Program.
* Providing vendor appraisals to ensure the high standard of purchased materials.
* Conduct training in accordance with the Personnel Qualification and Certification Program.
* Provide documentation that will be traceable to ensure that the Quality standards have been met.
* Implement Corrective Procedures on non-conforming services or materials.
* Ensure Control and Certification of all measuring and recording instruments as per standards.
* Ensure Training programs are arranged on regular basis and sufficient training given to various technicians according to the different levels of competence.
* Issues Inspection Release Note after inspection and testing.
* Prepare and get approval of MDR and final document dossiers.
* Conducting internal audits.
* Auditing of Vendor & Suppliers.
* Final documentation and hand over.
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases. Calibration of Tools and Record Maintenance Compliance to ISO 9001.
* Coordinate with main Contractor Inspectors and Client inspectors.
* Joint Inspection with third party, sub-contractor& Client.
* To review Inspection Reports related to perform Material identification, Visual examination, Dimensional check, Alignment check, stamping, Hydro-test, Air pressure Test, Vacuum Test, welder’s Qualification Test, static & Dynamic balancing, Load Test, machined & fabricated components, performance Test, Heat Treatment & Stress relieving of vessels, Site Pipelines & fittings, Sand blasting, Polishing of Stainless steel Vessel & Ducting, PQR & WPS required for equipment, & welders.

**Position: QA/QC Manager**

**Company: DANEM Engineering Works, QATAR**

**Project: Shop & site fabrication for Refineries, Petrochemical Plants in Qatar.**

**Period: June 2010 – August 2011**

**Responsibilities:**

Total in-charge of QA/QC activities and overall supervision.

* Overall Quality control of all the construction activities at site.
* Review of all inspections at site inclusive of witnessing, recording, reporting the results.
* Day to day reporting to client about the status of Job.
* Issue non-conformance Reports.
* Implement Client approved ITPs, Checklists, WPS,PQR etc.
* Review the qualifications for all Technicians employed on the Project.
* Maintain accurate and relevant progress and performance data related to agreed reliability implementation programs and issue /present these to management.
* Carry out investigation analysis of material/equipment failure mechanisms in the plant and insure corrective actions are taken to prevent reoccurrence of failure.
* Verify by monitoring/ auditing/ surveillance that the site activities relating quality are being implemented in accordance with the Project Quality Plan.
* Conduct Quality Audits in accordance with Project Quality Audit Procedure to verify that the performance of the parties concerned are in compliance with the Project Quality requirements.
* Coordinate with main contractor inspectors and client inspectors.

**Position: QA/QC Manager**

**Company: Special Technical Services**

**Project: Turn around at ORPC (SOHAR-OMAN)**

**Period: Dec 2009 – April 2010**

**Responsibilities:**

Total in-charge of QA/QC activities and overall supervision.

* Complete Turnaround for ORPC at Sohar for all units.
* Establish, and facilitate introduction and execution of, the Reliability Management System with the close involvement and action of Maintenance, Operation and Process Departments
* Maintain accurate and relevant progress and performance data related to agreed reliability implementation programs and issue /present these to Management.
* Carry out investigation analysis of material /equipment failure mechanisms in the plant and insure corrective actions are taken to prevent reoccurrence of failure.
* Repair & Maintenance of Pressure Vessels, verticals and horizontal tanks including associated pipe work and heavy structural steel, Reactors & Regenerators, Waste heat Boilers, Package Boilers, Boiler feed water loop equipment, Cooling towers, Converters, Start up Heaters,CO2 stripper, Flares, condensers, storage Tanks, all types of Exchangers involved in site. Inspection of upgrading and refurbishment Refinery and petrochemical projects.
* Catalyst handling, In-situ machining, Hydro-blasting, vacuum cleaning Chemical cleaning, Leak sealing, Bolt tensioning, Flare & Chimney Servicing, Plant Turn around, Hydro-testing . Preventive and predictive maintenance of fertilizers plant stationary & Rotating equipment, Oil storage tanks off stream inspection.
* To improve the safety, reliability and efficiency of Plant rotating equipment through the application of engineering expertise in providing low cost solutions to installation & maintenance of Plant &Equipment.
* Enhance mechanical integrity of equipment through RBI.
* Reviews and analyses all the inspection data and certifies the equipment based on fitness for the purpose requirements.
* Prepare inspection list for the plant turnaround activities and attend vessel internal inspection and all plant turn around inspection activities.
* Issues clearance certificates and reports of equipment after inspection and testing.
* Prepares Inspection Test Plan, QA/QC plan & Check List.
* Determines replacement, repair requirements and remaining service life of equipment and piping based on evaluation of inspection findings and operating condition.
* Review of ITP of the stationary equipment projects.

**Position: Operations Supervisor / GIS PID Supervisor**

**Company: ABS Group Saudi Arabia**

**Project: Saudi Aramco Offshore Project**

**Period: February 2009 – August 2009**

**Responsibilities:**

Total in-charge of QA/QC ACTIVITY related to Mechanical, Electrical, Instrumentation and overall supervision.

* Responsible for the overall Quality Control of all the construction activities at offshore location/ site.
* Responsible for all inspections at site inclusive of witnessing, recording, reporting the results and resolving any problems arising.
* Responsible for liaising, coordinating, advising and instructing the ARAMCO Managerial staff and all matters relative to Quality Control at Offshore platform.
* Review & Monitor detailed records/reports at all the offshore locations.
* Witnessing & Monitoring during Joint Inspection with Client & subcontractor.
* Day to day reporting to ARAMCO the status of Job.
* Review of radiographs, PWHT charts, Witnessing of UT, MPT & DPT.
* Witnessing of Calibration of testing equipment.
* Issue Non-Conformance Reports
* Implement ARAMCO approved Inspection and Test Plans, In-process Quality Control Checklists, WPS,PQR ,Test Certificates, Reports & other Documents .
* Review of all Testing Procedures to be executed in accordance to Code requirements and Project Specifications.
* Review the Qualifications for all Technicians employed on the Project.
* Supervised 12 ABS QA/QC Surveyors at various ARAMCO offshore locations.

**Position: QA/QC Manager**

**Company: ETA DUBAI (UAE)**

**Project: Al-Aweer 800MW Power station Phase-III**

**Period: June 2007 – January 2009**

**Responsibilities:**

Total in-charge of QA/QC ACTIVITY related to Mechanical, Civil, Electrical, I&C

* Responsible for all inspections at site inclusive of witnessing, recording, reporting the results and resolving any problems arising.
* Ensure that all inspections are executed efficiently and expeditiously as per schedule.
* Review of QA/QC procedures, Method statements, ITPs.
* Review of radiographs, PWHT charts, Witnessing of UT, MPT & DPT and witnessing of non-destructive testing for WPS & PQR.
* Prepare and issue of Non- Conformance Reports.
* Internal Quality Audits.
* Prepare, administer and implement Project Quality Assurance Plan (PQAP) for entire Project.
* Identifying, resolving with Project team and closing of Non conformities at all work centres (Production shops, Vendor shops and Construction sites.
* Prepare and get approval of MDR and final document dossiers.
* Develop and manage the site filing system to accumulate all installation data required to substantiate the completion of the work in accordance with the drawings and specifications.
* Presently having 50 QA/QC Inspectors consisting of Welding Inspectors, NDE Inspectors, Piping QC Inspectors, Rotary Equipment Inspectors, Static equipment Inspectors and Structural Inspectors.

**Position: QA/QC Manager**

**Company: Nasser Al-Hajri Corporation, Qatar**

**Project: COMMON OFF / DOLPHIN (JGC) / QATAR GAS (CTJV) Ras Laffan**

**Period: January 2006 – July 2007**

**Responsibilities:**

Duties and responsibilities handled as a QA/QC Manager

* Review of records and reports of all inspections conducted at the site.
* Review of QA/QC procedures, Method statements and ITP.
* Review administers and implements Project Quality Assurance Plan for entire Project.
* Reviews administer, implement and execute Inspection and Test Plans, In-process Quality Control Checklists, Welding Inspection.
* Joint Inspection with third party, sub-contractor & Client meeting the requirements of QAP.

**Position: Inspection Engineer**

**Company: Arabian Pipelines & Services Ltd. (Saudi Arabia)**

**Project: Shut down Maintenance at refineries & Petrochemical Units.**

**Period: January 2005 – January 2006**

**Responsibilities:**

Duties and Responsibilities handled as an Inspection Engineer

* Develop technical and functional specifications Mechanical Integrity solution in accordance with customer requirements.
* Develop independent Repair Procedures for Plant related Problems and ensure execution of the repair as per procedure.
* Reviews material and welding and QA/QC requirements of new Projects and modifications.
* Develops painting/coating requirements for pipelines, structures, equipment and tanks and gives recommendation to supervisor about selection of system and procedure for quality control. Inspects paint condition and conducts quality control checks as and when required for painting jobs.
* Repair & maintenance of pressure vessels, verticals and horizontal tanks including associated pipe work and heavy structural steel.
* Conduct welder approval tests, welding inspections and prepare associated documentation.
* Catalyst handling, Fabrication & repair of Equipment, In-situ machining, Hydro blasting, vacuum cleaning Chemical cleaning, Bolt tensioning, Flare & Chimney Servicing, Plant Turn around, Hydro testing & Thrust boring associated pipework and heavy structural steel for the Petro-chemical industry. Preventive and predictive maintenance of fertilizers plant stationary & Rotating equipment, Oil storage tanks off stream inspection, repair and refurbishment work.
* To improve the safety ,reliability and efficiency of Plant rotating equipment through the application of engineering expertise in providing low cost solutions to installation & maintenance of Pumps, Relief Valves, Pressure relieving Devices. Axial, Compressors, Fans,
* Planning and execution of plant shutdowns / inspections, Turnaround planning, co-ordination and execution of scheduled and forced shutdowns of operating plants. Coordinating inspection & NDT services during turnarounds of petrochemical plants in India and Middle East countries related to all process plant equipment.

**Position: Sr. Project Inspection Engineer**

**Company: Larsen & Toubro Ltd, Powai-Mumbai**

**Project: EPC JOBS at various Refineries, Fertilizers & Power Plants**

**Period: Nov 1989 – January 2005**

**Responsibilities:**

Duties and Responsibilities handled as an Inspection Engineer

* Fabrication of pressure vessels, verticals and horizontal tanks including associated pipework and heavy structural steel for the Petro-chemical industry. Involved in site inspection of upgrading and refurbishment refinery projects.
* To perform Material identification, Visual examination, Dimensional check, Alignment check, stamping, Hydro-test, Air pressure Test, Vacuum Test, welder’s Qualification Test, static & Dynamic balancing, Load Test, Inspection of machined & fabricated components, performance Test, completion of document for all below given equipment.
* Pressure Vessels, Heat Exchangers, Storage Vessels, Sample Coolers, Reaction Vessels, Columns, Cryogenic Vessels Insulated Tanks, Steam Air Heaters, Process skid Packages, Filters, Powder Blender, Cyclones, Hoppers. Manhole & Drain, Chimneys & Ducting, Painter’s Trolley, Centrifugal pumps, Compressors, Gaskets, Hot &Cold Insulations. Raw Materials–Plates & Pipes, Structural Fabrication, Ducting, Air Filters, Dryers, EOT Cranes, conveyors, Castings .
* Heat Treatment & Stress relieving of vessels, Site Pipelines & fittings, Sand blasting, Polishing of Stainless steel Vessel & Ducting
* To prepare WPS, PQR& WQT.
* To Prepare Procedures and work Instructions.
* Prepare periodic Audit reports and other data for presentations to Top Management.
* Schedule and conduct internal audits ISO 9001/14001
* Maintenance of Quality Records, Creating & Maintenance of Quality Systems databases. Calibration of Tools and Record Maintenance Compliance to ISO 9001.
* Vendor employee training Program. Execution of all technical functions, fabrication, Quality, Procurement, costing, man-management of the Fabrication Workshop. Conducting internal Quality Audits. Auditing of vendor & Suppliers.
* NDT co- ordination, i.e. radiography, MPI examination and Radiographic interpretation in accordance with the codes ASME VIII, conducting welder approval tests and preparing associated documentation. Co-ordination of Quality control functions, interpreting radiographs, conducting welding inspections and preparing associated documentation. Welder Training / Qualification, Radiographic Interpretation, Non Destructive and Destructive testing. Welding and testing of MMA electrodes and deposits for joining and hardsurfacing. Painting of CS,GI and aluminium materials hot dip galvanizing and hot applied urethane coating inspection on FBE, Polyethylene, Polypropylene systems, Key Chem shrink sleeves, heat& cold wraps thermal & acoustic insulation. Pipeline & plant inspection of all activities such as row, trenching, ditching, road crossing by anchor boring, channel crossing, fabrication and erection of piping, equipment & structures.
* Preparation of Detail checklist, Quality Assurance plan & its monitoring for items to be inspected.
* Checking /verification of Inspection related documents such as Material Test Certificates, Clearing of Punch list & Inspection Release Note
* Preparation of Project Documents, Manufacturer’s Data Sheet as per ASME Section VIII and data from engineering team: contractors and suppliers expedite actions related to vendor drawings and data.
* SAP - Implementation of SAP R/3 4.6b MM module for EPC Projects, Preparation of Purchase Order, Preparation of Goods Receipt Note ,Release of Goods Receipt Note, Preparation of Quality Assurance Plan on SAP, Processing of Invoice on SAP.

P.V. SARANG