

A dynamic professional in the field of quality assurance and inspection, with expertise in the areas of quality assurance, inspection practices, and system implementation in the field of Plant construction, Maintenance and Reliability studies of Storage Tanks.

Education Qualifications

- **MS Manufacturing Engineering, 2012** **Missouri, USA**
Missouri University of Science & Technology
GPA: 4.0/4.0
- **BE Mechanical Engineering, 2010** **Vadodara, Gujarat**
Maharaja Sayaji Rao University
GPA: 3.97/4.0

Professional Certifications

- **ASNT/SNT-TC-1A Level II in UT, LPT, RT and MT**
- **CSWIP 3.1, License # 112149 – Certified Welding Inspector by TWI-UK**
- **API 653, License # 72269 – In-Service Storage Tank Inspector by API-USA**

Professional Experience

Sr. Executive Engineer, Linde Engineering India (Dec. 2014 onwards)

- Responsible for defining and implementation QA/QC, NDT, Welding, Material requirement in the project.
- Responsible for conducting Pre-Inspection meeting at vendor's works.
- Responsible for performing inspections and review of TPI reports for static equipment and piping components.
- Responsible for co-ordinating deviation / concession request / non conformity related to QA/QC, NDT, welding and material.

Field Inspector at Bureau Veritas India Pvt. Ltd. (April 2013- Nov 2014)

- Inspection of materials, consumables, and welding process.
- Review & approve WPS & PQR, witness WQT & monitor welder.
- Inspection during fabrication and construction of piping, structures, Manifolds, and offshore structures (PLET, UTA, Suction Piles TSB and Jumpers).
- Performing and witnessing for static equipment inspection activities.
- Performing and witnessing of lamination check.
- Monitor performance of subcontractors by carrying out surveillance inspection of piping, tanks, vessels, structure, Tie inn and pipeline onshore and offshore.
- Radiographs Interpretation, witness application of NDT and endorse QC reports.
- Review test packages, making punch and outstanding lists, witness and approve pre-commissioning cleaning, hydrostatic tests, flushing, and reinstatement.
- Supervision and preparation for leak test, Nitrogen purging and Pneumatic test for equipment and piping.
- Performing and witness vendor inspection of Valves, material and equipment.
- Supervises and co-ordinates contracted Painting team, witnesses and inspect all painting (external paint and internal lining), Wrapping, insulation activities, and carry out all required inspections and tests (DFT, WFT, profile, and holiday test).

QA/QC Engineer at Mailam India Ltd. (August 2012- April 2013)

- Inspection of materials, consumables, and welding process.
- Quality Check of the electrodes during the manufacturing stages.
- Approval of Welding Consumables as per client specifications.

Projects

EPC Projects

<i>Project</i>	<i>Nature of Work</i>
Acid Gas Rectifier RILJ3 Project RIL-Jamnagar	<ul style="list-style-type: none"> • Responsible for defining and implementation QA/QC, NDT, Welding, Material requirement in the project. • Responsible for performing inspection and review of TPI report for static equipment and packages • Responsible for coordinating deviation / concession request / non conformity related to QA/QC, NDT, welding and material. • Responsible for conducting Pre-Inspection meeting at vendor's works.
Ethane Cracker- Baytown Exxon Mobil- USA	
Tobolsk_02 Ethelene Cracker SIBUR- Russia	
Boil-off Gas Reliquefaction Unit Marlin - Malaysia, PETRONAS	
SCT_WAO- Yeosu Lotte Chemicals- South Korea	Preparation of Material Selection Diagram during the FEED stage.

Shutdown /Reliability Projects

<i>Projects</i>	<i>Nature of Work</i>
DFCU & Associated Units (OpaL-Dahej)	Corrosion Monitoring and Remaining Thickness Assessment of Storage Tanks and Insulated pipelines (Class 1 &2).
Linde Gas South-East Asian Plants	Revalidation of In-service Vessels Subjected to Gaseous Hydrogen and Cyclic Services for RSE

Competencies

- Extensive knowledge of Stainless Steels, Alloy Steels and Carbon Steels w.r.t welding and failure analysis.
- Worked with Nickel, Titanium and Bronze Alloys.
- Familiar with International Codes like GOST, API, ASME, and IS.
- In-Service Storage Tank Specialist with experience of working in shut downs.
- Knowledge in Determining Various Damage Mechanisms & Deterioration of Pressure Vessels & Process Piping through Visual Inspection.
- On-stream External Visual Inspection of Pressure Vessels (Heat Exchangers, Columns, Vessel, Etc.,) & Process Piping as per Relevant Code.
- Inspecting plant stationary equipment, including pressure vessels, columns, drums, heat exchangers, boilers, coolers, tanks, and valves and piping systems throughout the plant. Preparation of inspection reports as per client format Reviewing/Witnessing/Carry out examination and testing at all identified stages of repairs and modification.
- Monitoring the heat treatment methods and reviewing the Inspection Reports and coordinating with the client for completion of the entire test.