

JITHIN .K.J

QC ENGINEER



CONTACT

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EDUCATION

- **Bachelor of Engineering (B.E.) in Mechanical Engineering**
Anna University Chennai
2015 – 2019

PERSONAL DETAILS

- **Date of Birth:** 12-11-1997
- **Nationality:** Indian
- **Marital Status:** Single
- **Visa Status:** Work Visa
- **Passport Number:** S0300852

PROFESSIONAL SUMMARY

Highly motivated and results-oriented **QA/QC Engineer** with **6+** years of experience in the oil & gas industry, specializing in piping, pipelines, storage tanks, and static equipment. Experienced in welding inspection, NDT coordination, quality assurance, hydro testing, and project execution in accordance with international codes and standards including ASME, API, ASTM, AWS, and ISO. Skilled in material inspection, WPS/PQR/WQT preparation, coating inspection, and quality documentation with strong knowledge of quality management systems and inspection procedures. Proven ability to coordinate multidisciplinary teams, manage subcontractors, and ensure compliance with client specifications, safety requirements, and international quality standards while delivering projects within schedule and quality objectives.

WORK HISTORY

Engineer-QC

Genesis Engineering and Thermal Solutions Co. Ltd., Rayong, Thailand

November 2024 – Present

- Conduct visual inspections of incoming materials for damage and conformance to specifications (EN10204 3.1/3.2).
- Perform material inspection with verified Material Test Reports (MRIR).
- Inspect tank reconstruction/repair and new construction activities, ensuring compliance with quality standards.
- Conduct mechanical tests (Hardness, Bend, Tensile, Impact, Fillet Tests) as per AWS standards.
- Evaluate thickness of tank shell, bottom plates, roof, and nozzles using ultrasonic thickness gauges.
- Coordinate and witness tank vacuum, pneumatic, and hydro tests, ensuring proper settlement evaluation.
- Analyze inspection reports based on approved documents (QCP, ITP, WPS, NDE procedures).
- Develop and implement WPS/PQR/WQT for various materials such as CS, SS, Duplex, Alloy Steel, and Nickel Base Alloy.
- Prepare and present Inspection Test Plans (ITP), welding maps, and visual inspection reports.
- Ensure adherence to QA/QC and safety procedures on-site.
- Maintain detailed inspection and testing records, ensuring traceability and proper documentation.

LANGUAGES

- **English**
- **Malayalam**
- **Hindi**
- **Tamil**
- **Thai**

CERTIFICATIONS

- **Primavera P6** – Project Scheduling & Planning
- **ASNT Level-II** – NDT (Liquid Penetrant Testing (LPT), Magnetic Particle Testing (MPT), Radiographic Testing (RT), Ultrasonic Testing (UT), Visual Testing (VT))

KEY SKILLS

- **NDT Techniques:** RT, MPT, LPT, UT, VT
- **Welding Inspection:** WPS, PQR, WQT, and visual inspection
- **Project Execution & Management:** Planning, scheduling, and coordinating project activities
- **Mechanical Testing:** Hardness, Bend, Tensile, Impact testing, and Fillet test
- **Production Management:** Tank inspections, vacuum tests, hydro tests, and pneumatic tests
- **Documentation & Reporting:** Inspection Test Plans (ITP), welding maps, quality documentation
- **Customer & Stakeholder Management:** Managing relationships and ensuring project delivery
- **Software:** AutoCAD, Primavera P6, MS Office

- Knowledgeable and understanding of non-destructive methods and selection of the right application for a particular inspection method (MT, PT, UT, RT, etc.)/ code and coordination of field inspection activities.
- Handling customer relationship management, third-party approvals & welding inspection, ISO 9001:2015 & 14001:2015 documentation, continual improvement plan, process management & improvement.
- Demonstrated experience in testing & calibration of mechanical testing machines and chemical analysis machines.
- Review welder performance and welder qualification test, repair follow-up, line maintaining welder register, WPS register & PQR register.
- Facilitated weekly quality walk-down with contractors, coordinating with various multidisciplinary contractors and their quality control.
- Coordinate and witnessing the rubber lining, painting inspection coating inspection etc...
- Raising NCRs and following up on all NCRs to ensure closure.
- Responsible for maintaining 5's principles in the bay.
- Managed non-conforming works and took corrective & preventive actions accordingly.
- Controlled subcontractor activities on site.
- Preparing the RT map, RT request sheet, material map, MIT, NDE, MAP

Planning cum QC Engineer

MAS Constructions, Mumbai, India

December 2019 – November 2024

- Managed project planning, scheduling, quality control, NDT inspection, hydro testing, and commissioning of Piping & pipelines in oil and gas industry.
- Handled material inspection, welding inspections, and quality control during pipeline fabrication and commissioning.
- Ensured compliance with project specifications, timelines, and safety regulations on-site.
- Coordinated NDT inspections (RT, MPT, LPT, UT) and witnessed hydro tests.
- Prepared and reviewed quality documents including hydro test packages, line checks, and punch lists.
- Reviewed and coordinated welding procedures, ensuring compliance with ASME, API, ASTM standards.
- Conducted inspection of blasting, painting, and coating in pipeline projects.
- Coordinated Horizontal Directional Drilling (HDD) and Cathodic Protection (CP) activities in pipeline projects.
- Worked closely with clients, ensuring documentation and procedures were followed for successful project execution.

ACKNOWLEDGEMENT

I hereby declare that the information provided above is accurate to the best of my knowledge. I am committed to contributing to your organization's success and am willing to undergo any background checks or travel as required.

JITHIN K.J