

SAMIR RANA

B.E Mechanical

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Career Objective

- To enrich my knowledge and obtain a position of responsibility that will utilize my skills to provide growth to my career also my organization with full of my strength & ability.

Professional Summary

- Bachelor of Engineering in Mechanical, having 4.5+ Years of Total Work Experience in Inspection, Quality Control & Assurance, welding, Third party Inspection(TPI). Familiar with International codes & standards like ASME, ASTM, API, AWS, ISO etc.

Employment History

❖ Current Organization: TATA Advanced System LTD

Job Title : QA-QC Engineer

Duration: March 2021 to till date.

Key Duties :

- Responsible for all Inspection activities such as NDT, Visual, materials, welding, dimension, machining and painting Inspection carried out in accordance with Inspection test plan & QAP with relative standard level of control in order to assure that contractual requirements of project AAFL (**Akash Air force launcher**) through customer of BEL (Bharat Electronic limited) Ministry of defense.
- Strictly follow **procedure** mentioned in QAP which follow on job.
- **Surveillance activities** done day to day to ensure that quality assurance plan on site.
- GI Inspection at Vendor Place & Sub-Contractor Inspection.

❖ 2nd Organization: Divine Engineering Services PVT LTD (Ichapor, Surat)

Job Title: QA-QC & Welding Engineer

Duration: Feb 2019 to March 2021.

Key Duties :

- Perform Inspection as per QAP like **Martial Part Identification/Fit-up/Weld-Visual inspection/NDT/Fabrication Final Dimension/On Machining Inspection/Painting/Assembly inspection** for Fabrication & Machining of LMTG (L&T Turbine & Generator) & LMB (L & T boiler) job to ensure that the work is performed and meet the project Specific Quality Requirements.
- Carry out **TPI Inspection** from day to day Project Activities, to submitted quality document and collate final dossiers.
- Ensure **WPS/WPQ/WQT** activities follow on Job, Preparing welder's weekly performance report.
- Conducted **Training session** on quality control activities for junior & TBT session of Welder for knowledge and achieve best quality at minimize cost.

- Raise **Non-Conformance Reports (NCR)** as seen during inspection and supported Root cause and data Analysis for Defect reduction and process yield improvement.
- Conduct internal Audit by every 3 month to ensure that process flow chart as per ISO 9001:2015.

✚ **Name of Project:-** Buxar power plant, ONGC (NWIS-R, HRPIII), Sonatrach Algeria gas field development, K9 Vajra tank Structure Rolling & Bending, Thai Oil refinery piping Project by Samsung engineering

❖ **1st Organization: Arihant NDT Inspection Services (TPI)**

Job Title : QC & NDT Inspector(Structure, piping & Pressure Vessel) Duration: Aug 2016 to Jan 2019.

Key Duties :

- Inspection of Incoming materials and reviewing test certificate as per specifications.
- Conduced materials traceability and on transferring on cut job part materials.
- Perform inspection of MI, Fit-up, Weld-visual, Final dimensions of fabrication Piping & vessel.
- Reviewing & performing of the Nondestructive test such as ultrasonic test (UT), Dye penetrant test (DPT) and Magnetic particle test (MPT), radiographic test Film Interpretation (RTFI), Visual Inspection on Job.
- Doing hardness test & PMI test for alloy steel grade & ferrite test for SS Martials.

✚ **Name of Project:-** Chenab Bridge Structure , AFCONS INFARSTUCTURE, BHEL heavy structure, PETOFACT INDIA (BPCL) Refinery project, HPCL MAHUL, HMEL Bathinda R&D Piping, ORPIC RFCC RECTOR, HRTY (TRANSFER LINE & COLD COLLECTOR(S&B)), IOCL PARADIP, OBRA- JAWAHARPUR POWER PLANT.

Educational Qualification

Year	Institution	Board	Merit
2013 – 2016	Bhagwan Mahavir College of Engineering & Technology (Vesu)	GTU	CGPA-7.36
2012 – 2013	M.T. Jariwala madhiyamaik shala, athwalines, surat	GHSEB	65.12%
2010 – 2011	N.M. Zaveri Union High school, Lal gate Surat.	GSEB	78.11%

Skills

- Good working knowledge of ISO 9001:2015(QMS) & Six Sigma
- Ability to work both at project and Corporate level by leading team works to communication to Interdepartmental resolve issues.

Professional certification

- ASNT-LEVEL-II (VT, UT, RT, PT, MT)
- AUTO-CAD 2013(Certified by Gujarat knowledge society).

Equipment Handled

- Monsonic Einstein-II (DGS) Ultrasonic flaw detector
- Electromagnetic yoke SIMS YA/D machine (AC yoke/DC yoke/Permanent magnates)
- Elcometer thickness Gauge (Paint Coating Thickness Gauge)
- Ultrasonic thickness D meter
- Hardness tester (Equotip rebound type; ultrasonic type MIC-30)
- PMI Machine (BRUKER EOS Handheld type)
- Ferrite Machine (FERITSCOPE FMP30)

Personal Information

- **Name:** Samir Ganeshbhai Rana
- **Marital Status:** Unmarried
- **Nationality:** Indian
- **Languages Known:** English, Hindi and Gujarati.
- **Date of Birth:** 19th JUNE, 1995
- **Hobbies:** Yoga, Gardening, Sport, Cooking

Declaration

I confirm that the given information is true to the best of my knowledge and all the supportive document will be produced at your call.

SAMIR RANA