

# DEBABRTA SAMANTA

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## Middle level assignments in Quality Assurance/ Quality Control of Mechanical works in Construction of Oil & Gas Refinery.

### Purpose:

Planning and implementing Quality assurance & control activities during executing the work to ensure quality as per the applicable codes & standards for better performance to produce un-interrupted power supply to the customer satisfaction from Oil & Gas Refinery.

### Professional Synopsis

- **Having 6.5 years** of experience in the **QA /QC Department** in construction of **Oil & Gas Refinery**.
- Presently designated as **Engineer– QA/QC** with **PENTA GLOBAL Pvt. Ltd. (Client: Petrofac) Vizag**
- **Also worked in Shut down Job for 40 days (Unit: - SRU-II, DCU, DHDS, PIT, JETTY)**
  - ✓ Fabrication and erection in the areas of Process Piping on Carbon Steel, Stainless Steel, Jacket Piping LTCS, NACE & IBR Materials.
  - ✓ Familiar with NDT techniques like Radiography Testing, Ultrasonic Testing, DP Testing and MP Testing Process during the construction of the project.
  - ✓ Familiar with raw material inspection, dimensional inspection and having knowledge in various welding process like SMAW, GTAW, SAW and MIG etc.
  - ✓ Familiar with preparation and reviewing the Inspection Test Plan, Quality Assurance Plan (QAP), and Formats/ Protocols.
  - ✓ Familiar with relevant ASME, & ASTM Codes and standards.
  - ✓ Exceptional analytical and communications skills and proven leadership style to handle dynamic projects and ability to work in multi-cultural environment.

### Project Purview:

- ✓ Construction of Oil & Gas Refinery

### Quality Management:

- ✓ Implementing the quality document system for various fabrication & construction activities.
- ✓ Evaluation of test results.

### ➤ Accountabilities:-

- ✓ Inward inspection of project materials and consumables, raising discrepancy report in case any non-conformance.
- ✓ Preparing & Review Quality assurance plans & Inspection test plan.
- ✓ Ensure for the proper handling of welding consumables as per the manufacturer's recommendations and as per the consumable handling procedure of company.
- ✓ Qualified & Witness welder qualification test & monitor welder's performance and update the weld repair log with PDCA cycle.
- ✓ Witness dye penetrant test, Radiography test, Ultrasonic test, hydro test, pneumatic test, RF pad leak test.
- ✓ Monitor PWHT, Hardness test and PMI.
- ✓ Welding surveillance.
- ✓ Radiography Film interpretation.
- ✓ Prepare & Review the NDT reports & Control of all the NDT activities at various stages.
- ✓ Monitor surface preparation and painting activity. Witness DFT for primer, mid and top coat.
- ✓ Verify & maintain the calibration status of Monitoring & Measuring devices.
- ✓ Ensure that the works are carried out as per the approved welding procedures, ITP and work instructions.
- ✓ Expedite the NDT requirements for various piping / service classes.
- ✓ ISO/Mechanical clearance of fabricated, erected pipe spools and structural.
- ✓ Preparation for hydro test of loop with client.
- ✓ Checking the Submitted final documents before critical activities like hydro test, steam blowing etc.
- ✓ Advice project personnel in taking appropriate corrective and preventive action on non-conformances related to mechanical / welding works.
- ✓ Close out the observations, non-conformances raised during internal and external audits.
- ✓ Identifying the training needs.
- ✓ Conduct tool box talks.

➤ **Company** : **PENTA GLOBAL PVT. LTD**

Client : PETROFAC (VIZAG)  
Project : SRU BLOCK  
Designation : QA/QC ENGINEER  
Duration : April '19 to Till Now

➤ **Company** : **RBM INFRACON PVT. LTD**

Client : NAYARA ENERGY (VADINAR)  
Project : SRU-II & SWS Expansion  
Designation : QA/QC ENGINEER  
Duration : March '18 to March '19

➤ **Company** : **RBM INFRACON PVT. LTD**

Client : ESSAR Project Limited (VADINAR)  
Project : ISOM  
Designation : QA/QC ENGINEER  
Duration : Aug'17 to Feb '18

➤ **Company** : **KKS engineers Pvt. Ltd.**

Project : J3 (Client: Reliance Industries Limited, Jamnagar):  
A Mega Project of Refinery and Petrochemical Complex currently under extension of the World's largest Cracking Units.  
Working as : Engineer – QA/QC  
Duration : Feb 2016 to Aug 2017

➤ **Company** : **PUNJ LLOYD LTD**

Client : *Reliance Industries Ltd*  
Project : J3 Jamnagar  
Designation : QC Supervisor  
Duration : Jan'14 to Nov '15

➤ **Company** : **IOT Anwsha Engineering & Construction Ltd**

Client : IOCL (Orissa Paradip)  
Project : LSTK-7 Area/Crude Area  
Designation : Assistant QA/QC  
Duration : April'13 to Jan'14

➤ **Accountabilities:-**

- ✓ Monitoring the supervisor's activity & implement the QA / QC program.
- ✓ To conduct all required tests in accordance with contract documents and to prepare fill in & sign all reports & forms as necessary for the compliance with Contract Quality Standards.
- ✓ Inspecting the weld fit-up of joints prior to root pass & visual inspection of final weld, conducting penetrate test on welding joints.
- ✓ Conducting through stage-wise inspection as per procedures / codes as well as alignment & assembly of equipment at site during installation.
- ✓ Weld visual inspection includes under cut, reinforcement, surface porosity, under fill, etc.
- ✓ Witnessing of Pressure test (Hydro and Pneumatic) of Piping. Ensure about all the NDT for piping works DP Test, Hydro Test, and Holiday Test etc. and prepare ISO at client level.
- ✓ Fabrication & Erection of Double deck floating roof, (DDFR) Crude oil storage tanks 79 mtr dia and 13.5mtr height.

**Scholastics.**

➤ **Diploma in Mechanical Engineering.**

**IT-Skills:**

- Well versed with MS-Office and Internet Applications.

**Training.**

➤ **ASNT LEVEL –II in**

- ✓ Ultrasonic Testing.
- ✓ Magnetic Particle Test.
- ✓ Dye Penetration Test
- ✓ Radiographic Test

**Requisite Skills:**

- ✓ Good communication Skills
- ✓ A strong believer in team working
- ✓ Ability to work under extreme pressure & deliver accordingly.
- ✓ Quick learner, team Spirit, Self-motivated, hard worker, devotion,dedication.

## Personal Dossier

**Date of Birth** : 24<sup>th</sup> November 1990  
**Father's Name** : Mr. Pranab Kr. Samanta  
**Sex** : Male  
**Nationality** : Indian  
**Religion** : Hinduism  
**Marital Status** : UN – married  
**Languages Known** : Bengali, Hindi & English.  
**Hobbies** : Playing Cricket & Listening to the songs.

All the information furnished above is true.

Thanks and Regards,

Debabrata Samanta

