

RENNY VARGHESE

QA/QC ENGINEER - (Welding/Piping/Structural & Coating)

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Notice Period: Available Immediately

CAREER OBJECTIVE

Expected to be a part of an organization where I can fully utilize my skills and make a significant contribution to the success of the employer and at the same time to my individual growth.

And Seeking a Role to be more creative and make significance change in the pattern of work like adaption of automation and to perform not only in typical way and to find out what can be performed Out of the box.

SYNOPSIS

- A Competent Professional Around **7+ Year of Experience** in the Field of Quality control and compliance, Inspection and testing activities, Piping & Structural Prefabrications, Site Fabrications and Erections, painting and coating activities in Oil and Gas Industry Onshore and Offshore for various EPC Projects in Middle East and India.
- Work Knowledge with Good Exposure in the Activities like Material Inspection Welding Inspection, NDT Activities, Pressure testing, Coating and Painting Activities, Insulation Activities.
- Proficient in Documentation related to QA/QC from Initial Stage to till the Final Project Closeout Document Submissions with maintaining all standard requirements.
- Experienced in conducting case studies, Incident report preparations and finding out the root causes.
- Excellent relationship management, communication skills with the ability to network with engineering, client and sub-contractor's representatives to troubleshoot the issue occurs and to mitigate the risk evolved.
- Target & achievement oriented with an ability to take up challenges & perform in changing work environments.
- Approved QA/QC Personnel for ADNOC LNG, ADNOC ONSHORE, BOROUGE & Petrofac.

PROFESSIONAL QUALIFICATIONS

- **B.E. IN MECHANICAL ENGINEERING**, ANNA UNIVERSITY
- **CSWIP 3.2.2**, SENIOR WELDING INSPECTOR (Result Awaiting)
- **CSWIP 3.1**, CERTIFIED WELDING INSPECTOR, TWI, UK (CERT NO #113114)
- **BGAS GRADE 2**, TWI, UK (CERT NO #344897)
- **QMS ISO 9001:2015**, IRCA, CQI
- **ASNT, LEVEL-II**(RT,UT,PT,MT)
- **RTFI LEVEL-II** (ASNT)
- **PIPING ENGINEERING**, IIT BOMBAY
- **DIPLOMA IN PETROLEUM REFINING ENGG**,ANNAMALAI UNIVERSITY

PROFESSIONAL EXPERIENCE

- **Company:** NASER MOHAMMED AL-BADDAH (NBTC), ABUDHABI
- **Designation:** QA/QC Engineer
- **Projects Handled:**
 - EPC for Qusahwira field Development Phase-II Project, Client: ADNOC ONSHORE
 - EPC for Fuel gas distribution system (FGDS), Client: ADNOC LNG (Offshore)
 - EPC for Installation of Propane/Butane line, Client: ADNOC LNG (Offshore)
 - EPC for Removal and Transportation of existing pipelines, Client: ADNOC Refining
- **Duration:** June 2017 to June 2021

Roles and Responsibilities

- Carry out inspection and checking for all quality related procedures in the site and to ensure activity at the site are as per approved method statement and inspection test plan (ITP).
- Interacting with Material Controller for Incoming Inspection of steel plates, pipes & fittings consumables, tools and equipment etc. with relevant documents like material test certificates with 3.1, 3.2 certification and Inspection Release Note.
- Ensure proper storage of filler materials and tools & equipment to be used.
- Check fit up, Internal & external alignment of pipe V-groove etc.
- Surveillance during shop & field welding to verify compliance with approved WPS, specific codes & client procedures of variables such as consumables, preheat, inter pass temperature control, inter run Cleaning, PWHT requirements.
- Perform visual inspection on weld joints.
- Witnessing PWHT Time & Temperature graph as per code/ project specification & sign off the PWHT charts.
- Prepare the NDT request as per client's requirement and co-ordination with NDT sub-contractors.
- Interpretation of radiography film as per the code acceptance criteria, including defect identification and finding out the root cause, Evaluating RT film sensitivity and density requirements.
- Preparing RFI & coordinate for completion of inspection with Client as per ITP, Code and standard & close out.
- Coordinate with client representative and TPI for inspection.
- Witness welding, welder qualification test and preparation of WQT data sheet.
- Monitoring welder's performance report to minimize the rejection percentage.
- Witnessing and conducting the Welding Procedure Qualification test with respect to Codes, Standards and Project Specifications.
- Witnessing of various mechanical lab testing activities like Tensile Testing, Bend Testing, Impact testing, Hardness, Macro Verification and corrosion tests (HIC test, Pitting Corrosion-G48, IGC test) for Welding Procedure qualification.
- Issuing & maintaining Non Conformance Report (NCR's), Observation Notes, CAR's, Site Queries, Site deviation Request/ Field change request.
- Providing the technical inputs for RFQ and preparing the Technical Bid Evaluation (TBE) for Purchase and service Requisitions.

- Preparing and submitting the Technical Queries with Reference to the project specifications.
- Coordinate with construction manager and site in charge for the inspection and meeting related to quality problems including the closure of non-conformance report.
- Monitor & Maintain calibration records of all instruments & equipment's.
- Attending and coordinating for line walkthrough with client representative and preparation of punch list.
- coordination with site in charge for closing out the punches as per punch classification.
- Witnessing and inspection of valve pressure test.
- Preparation of Test packs as per project requirements.
- Witnessing of hydro test, pneumatic test, Leak test as per requirements and maintaining the test records.
- Coordination with execution team for the proper preservation of materials after pressure test.
- Witnessing painting system/ applicator qualification test as per project specification.
- Ensure spool release notes are available from fabrication before surface preparation and painting activities starts.
- Monitor weather condition for surface preparation and painting.
- Checking the blasting and painting equipment's are as per project specification.
- Ensuring the painting system as per the project specification.
- Monitoring the mixing and the application of the coatings.
- Witnessing and inspecting of painting activities, checking the surface profile, Salt contamination on the blasted area, WFT & DFT for each coats.
- Reviewing daily Painting & coating reports, Holiday detection report, Adhesion test report etc.
- Update, consolidate and filing of all Quality Records such as Receiving Inspection Report and Final Inspection Report.
- Co-ordinate with the paint manufacturer technical representative.
- Ensuring Release note for insulation after painting and heat tracing.
- Surface preparation inspection before insulation.
- Inspection of insulation materials are as per specification and approved MAR.
- Checking the staggering and tightness of all joints between layers, verify the thickness of insulation applied, verify wires and banding as required in specification.
- Inspection for the correct type of cladding material thickness, proper overlapping, check for the correct type, size and spacing of banding as per specification.
- Co-ordination with client/TPI for the final inspection of insulation, color coding, flow marking and labeling as per specification.
- Preparing QC Documents such as Reports Formats, Correction and Reviewing of Formats and controlling QC activities at Site.
- Maintaining the latest revision of all documents, drawings, and specifications required for quality assurance, quality control and inspection.
- Preparation of various quality procedures, ITP & MAR.
- Preparation and submission of TIE-IN dossier, mechanical completion dossier, Final Dossier Index(EPC) and Final Dossier.
- Monitoring and submission of Digitalized RT films.

- Providing the technical Inputs for Project Close Out Reports.
- Report to the QA/QC Manager, control and monitor all activities related to quality.

- **Company: INDUSPECT INDIA PVT LTD**
- **Client: RELIANCE INDUSTRIES LIMITED, HMD, SURAT**
- **Designation: QC ENGINEER (TPI)**
- **Duration:** October 2016 to April 2017

Roles and Responsibilities

- Review of material test certificates (MTC) as per Codes, Standards and Client specification.
- Review of Welding procedure specification, welder certificate and identity card as per the specification
- To check the fit up and root pass, hot pass and capping and make sure the joint number and welder number, drawing number are written on joint.
- Monitoring all consumable, their heating procedure as client specification & standard.
- Fit up inspection, Weld visual, material verification as per drawings.
- Witness bevel and root weld preparations and root DPT.
- Visual inspection and surveillance of welding parameters as per the approved WPS and ITP.
- Monitoring Portable oven, holding oven, mother oven as per required time intervals.
- Monitoring & verifying the preheat, inter pass & PWHT temperature as per client requirement.
- Post welding visual inspection and weld repair verification.
- Checking the abrasive type, conditions, size and expiration dates.
- Examination of metal substrates before and after blasting, checks on humidity, abrasive type, conditions, size and expiration date, salt contamination test, dust test, paint system, profile measurement, WFT, DFT, Adhesion test and final release of coated spools to site.
- Witness hydro test and pneumatic test as per the client specifications and test requirements.
- Verification and clearing the items of the punch list prior to reinstatement.

- **Company: DHAVAL ENGINEERING COMPANY.**
- **Designation: QA/QC Supervisor**
- **Client: RELIANCE INDUSTRIES LIMITED, JAMNAGAR**
- **Duration:** August 2015 to September 2016.
- **Project Handled: J-3 Expansion project**

Roles and Responsibilities

- Inspection of fit up, welding and consumables as per the client requirements
- Conducting calibration of all welding equipment's and maintaining the documentation.
- Inspection of material necessary for installation as per standards.
- To carryout stage wise inspection and final inspection in fabrication and site erection.
- Spool released documents preparation and offering client inspection

- Ensure that installed piping components conform to approved isometric and project specification.
- Coordination with the NDT/PWHT crew
- Offering and coordinating the client inspection
- Inspection of material verification and PMI.
- To supervise daily inspection of fabrication workshop and erection of the same at site
- Ensure employees are trained to do their work and their training is documented.
- Inspection and reporting of Tie-In, Golden joint and Hot tap welding activities as per approved procedures.
- Witnessed hydro test, reinforcement pad leak test
- Witnessed hydro test of vessels and heat exchangers and coordinated with execution team for the preparation.
- Maintained strict Quality Control Procedures in accordance with international standards (ASME IX, ASME B31.3, AWS D 1.1, ISO)

- **Company: PRG ENGINEERS PVT LTD.**
- **Designation: QC & Execution Supervisor**
- **Client: ISRO & Essar Petroleum**
- **Duration: May 2014 to February 2015.**

ACADEMIC CREDENTIALS

- **B.E. IN MECHANICAL ENGINEERING, ANNA UNIVERSITY**

SOFTWARE PROFICIENCY

- MS Office (MS Word, MS Excel & MS Outlook), Office 365 & Basic Knowledge in AUTO CAD & PRIMAVERA P6.

PERSONAL DETAILS

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|--------------------------|--|
| • Father's Name | :- Varghese George |
| • Date of Birth | :- 12/11/1993 |
| • Language Known | :- English, Hindi, Malayalam, Tamil |
| • Marital Status | :- Single |
| • Nationality | :- Indian |
| • Passport Number | :- L8400009 |
| • Visa status | :- Visit Visa (UAE) |
| • Driving License | :- UAE & Indian Driving License |
| • Skype Id | :- live:renny.vv |

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.


 X
 RENNY VARGHESE
 QAQC ENGINEER

Place: Abu Dhabi
Date: 17-09-2021