***RESUME***

**PRADIP KUMAR SIL**

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**IRCA ISO 9001-2015**

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**COVID 19 ( 2 Doses ) Vaccination Complete**

**Brief description:**

Around Nineteen Year experience in handling **multiple geographical region** **(India, Nigeria, Uzbekistan, Lebanon, Saudi Arabia)** as a QA/QC Manager /Engineer in the field of **Welding, Piping & Painting**, **NDE (UT,RT,MPI,DRT,VT), PWHT , PMI, work** and Inspection activities related to **Construction / Fabrication, Oil &Gas, Refineries, Fertilizer & Power Plant ( Nuclear & Combined cycle ).** Familiar in stage inspections during fabrication of Process piping (B-31.3), Power piping (B-31.1), Gas Transmission and distribution Piping System ( B-31.8 ),Pipeline Transportation System For liquid and Hydrocarbon ( B-31.4 ) in construction industries. Performing from material inspection to pre commissioning each & every activities stage wise. Well conversant in **ASME ( Sec -I, Sec -II, Sec -III, Sec -V, Sec -VIII, Sec -IX ), AWS, API, DIN, GOST, ISO** etc.

**Career Objective**:

To seek a challenging position for professional growth & there by put my knowledge to the best of use, to be a good team member in due time & grow personally & professionally along with the company

**Educational qualification:**

Have completed Diploma in Mechanical Engineering from Hooghly Institute of Technology, India in 1997 & AMIE Sec A in 1999

**Professional Qualification:**

ASNT Level-II (Ultrasonic Testing, Radiographic Testing, Magnetic Particle Testing, Liquid Penetration & Visual Testing)

**IRCA ISO 9001 -2015 Lead Auditor from British Standard Institute**

**Passport Details:**

P9006597 Valid till March 2027

**Date of Birth :**

2nd January, 1976

**Experience:**

Please refer Annexure

**Declaration:**

Information furnished above are true to the best of my knowledge

### ANNEXURE

**WORK EXPERIENCE:**

**Total Nineteen years wide exp. in India & abroad (Middle East, Central Asia & Africa)**

( **ARAMCO certified inspector, SAP NO- 70005606 )**

**(Saudi Aramco & KOC joint venture approved Mechanical Inspector/ Deputy Mechanical QC Manager )**

**Work experience :**

**1.Worley Services Limited ( PMC )** Worley_Logo_2019_RGB_email

**Contractor : Petrofac UAE LLC**

**Project : RDG Project , Rajasthan , Cairn Energy**

**Position : Project QA/QC Manager**

**Period : From 0ct 2019 to 30th. November 2020**

**Main Accountabilities and Responsibilities:**

* Ensuring project works as per project specification. Wellheads, Pipeline as well as Piping works
* Review the disposition of all Key Performing Indicator on the project and ensure corrective action taken and plan for preventive actions
* Monitor project process performance on periodic basis (Lagging metrics: VoC score, Escaping defects, Cost of Non Quality) and implement/lead appropriate actions to improve results.
* Effectively implement company policies, Approved QA Plan all authorities
* Vendor Certification and effective Product Monitoring.
* Review & Approve Vendor document.
* Co-ordinate with Client, Contractor, Vendor and monitoring schedule product performance.
* Monitoring Contractor , Vendor and other QA Program.
* Ensuring that the Plan – Do – Check-Act (Continual Improvement) are implemented during each phase of fabrication & erection
* Monitoring performance of organization and ensure corrective actions are implemented to ensure compliance with all accreditations, licenses and appropriate international and industry standards
* Review and approval of project specific Quality Plan / ITPs prepared by QA Team
* Review and approval of project specific document ( Including vendor ) Inspection test plan / Project Quality Plan, Weld Plan, WPS / PQR, PWHT plans, NDT and testing procedures
* Approval of Databook (project quality records) delivery, assuring compliance with customer requirements: track & approval.
* Gather, analyze, circulate feedback to the organization (VoC, Close Out etc. )
* Co-ordinate with all discipline engineers.
* All quality documents and final reinstated test packages to be hand over for final certification.
* Establish ISO system in the organization

**2.Indorama Eleme Fertilizer & Chemical Limited Through Tata Consulting Engineers Ltd**

**Position : QA/QC -Mechanical**



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**Licenser : KBR ( Ammonia Technology ) & Toyo Japan ( Urea Technology )**

**Project : IEFCL Fertilizer Train -2 Project , Port Harcourt, Nigeria**

**Period : From May 2019 to October 2019**

**3. RCG France SARL**

**Position : QC Manager**

**Project : Uzbekistan ( Talimardjon Tharmal Power Plant 935 MW ) Doosan HRSG, Fuji Gas Turbine &**

**Mitsubishi Stream Turbine**

**Lebanon ( Al Zaharani Power Plant HRSG -Ansaldo Energia )**

**Lebanon ( Rehabilitation Of Deir- Ammer Power Plant HRSG – Ansaldo Energia )**

**Period : April 2015 to April 2018**

**Main Accountabilities and Responsibilities:**

* Liaison with the Client’s QA/QC/Project representatives
* Review the disposition of all Key Performing Indicator on the project and ensure corrective action taken and plan for preventive actions
* Ensuring that the Plan – Do – Check-Act are implemented during the each phase of fabrication & erection
* Monitoring performance of organization and ensure corrective actions are implemented to ensure compliance with all accreditations, licenses and appropriate international and industry standards
* Review and approval of project specific Quality Plan / ITPs prepared by QA Team
* Preparation, Review and approval of project specific Weld Plan, WPS / PQR, PWHT plans, NDT and testing procedures
* Responsible for supporting all contract negotiations and amendments with subject matter expertise
* Ensure all work on the project is performed in accordance with the requirements of the client and specified Standards as per Project Schedule
* Develops budget and staffing plan to build a high performance, multi-functional team with expertise necessary to achieve project objectives
* All quality documents and final reinstated test packages to be hand over for final certification.
* Establish ISO system in the organization

**3. Petron Const.& engineers Ltd**.( Project of Gas Authority Of India Ltd )

**Project : Gas Cracking Unit**

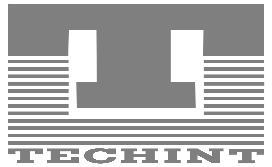
**Position : QA/QC Mechanical Engg.**

**Period : June 2014 to Nov 14**

**Main Accountabilities and Responsibilities:**

* Implement the QA/QC management system at site
* Coordinate with quality inspections with all the site sub contractors and vendors coordinate all non destructive testing on site
* Coordinate with the customers representative on all quality matters
* Coordinate all receipt inspections
* Distribute relevant QA/QC documentation to site subcontractors
* Verify that the quality related site activities are in accordance with the applicable codes and standards
* Participate in the site internal and external site audits
* Coordinate all the quality site inspections through the site QC inspectors
* Ensure all quality control documentation is complied and competed for as-built hand over through the QC turnover engineer

**4. Techint** Saudi Arabia **( Project of ARAMCO Gulf Operation+ Kuwait Gulf Oil Company)**



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**Project : UHOCF ( Upgrading Hout Offshore Crude Facility )**

**Position : QC INSPECTOR Mechanical ( Deputy of Project Quality Manager )**

**Period : Aug 2012 to Sept 2013**

**Main Accountabilities and Responsibilities:**

* Ensure that Mechanical construction activities are carried out in compliance with company/contract requirements, project specifications, international codes/standards, approved project procedures & ITP, local regulation and laws and HSE requirements. Review Method Statements, Quality Procedure, ITP, ITRs, Drawings, vendor documents, project procedures and Method Statement
* knowledge of SAES ( Saudi Aramco Engineering Standard ),SAEP ( Saudi Aramco Engineering Procedure),SAIC (Saudi Aramco Inspection Check list), SATIP (Saudi Aramco Test & Inspection Plan) ,PIP ( Process industry Practice ),Project Quality Management, Project Quality Plan, Site coordination procedures, Mechanical Completion, Material Control Identification Traceability, Storage/ Handling/ Preservation procedures, MAR/Material Approval Request, Auditing, Comparison/ compliance statements, NCR-Non-conformance Report, site instruction, material receiving inspection etc.
* Review Quality Control Plans, Construction drawing, P&ID’s, Method Statement and Procedure, ITP’s, and Vendors Specifications & WPS/PQR as per clients agreement with the contractor that complies with the international codes/standard practices.
* Review Pressure Test Package & ensure all the test limit**/NDT/PWHT test/PMI** /Punch List(A) are completed & release for Pressure test. Ensure for post pressure test re instatement activities .
* Review and accept test reports (ITR), preservation /storage and material receiving documents. Witness inspection in the installation and alignment of mechanical equipment ( Rotary/Static) i.e. Pumps, compressor, blowers, Air Fin coolers. vessel /columns ( Internal installation inspection ), Heat Exchanger, tanks, drums, filter, heaters, , and internal as per international codes, standard specifications and practices
* Check preservation status of equipment at site and storage area to ensure the requirements of client and vendor are done such as rust prevention to equipment monitor the nitrogen purging requirements for vessels and compressors, rotation of shafting, oil filling and cleaning of equipment.
* Confirm that all instruments used for alignment and leveling by subcontractor are calibrated with stickers indicated the date of calibration and re-calibration.
* Ensure all quality control documentation is complied and competed for as-built hand over through the QC turnover engineer .



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**5. Uhde ( Thyssenkrupp )India Pvt. Limited ( Projet of Praxair USA )**

**Project : Hydrogen Plant**

**Position : Assistant Construction Manager –QA/QC**

**Period :June 2011 to Aug 2012**

**Main Accountabilities and Responsibilities:**

* Review & taking approval the Welding Qualification procedures ( WPS/PQR), Welder certificates (WQT), Inspection and Test plans (ITP), Work method statements(WMS),Review subcontractors Quality documents like NDT procedures (RT,MPI,PT),/PMI ,Pre-commissioning ( Cleaning ,Hydrotesting & Purging/Drying) Philosophies, procedures & Inspection Test plans
* Coordinate with TPI and client for obtaining of approval for Quality documents prior to actual work commencement. Coordinates with Site QC Engineers and Inspectors for Inspection activities during start up new activity and updating of quality procedures, ITPs and drawings.
* Arrange the QC inspection tools calibrations, Welding Machine calibrations by third parties and Prepare & manage the QC inspector’s roasters
* Conduct the internal audits as per quality plans and audit schedules and Prepare reports and submit to client for review.
* Witness/Review the subcontractors Welding Procedure Qualifications and Welder performances qualification tests and Destructive Testing of Specimens.
* Compile the inspection report/NDT/PWHT reports and submit for client approval on day to day activities
* Prepare the final dossier. Vendor packages & pre-commissioning reports to client as per client requirements & approved Manufacturing Record Book (MRB).

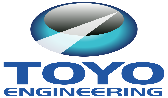
**6.Technimont ICB Pvt Limited./ EIL/Project of MRPL (IOCL)Project**

**Project : CHTU (Cooker Heavy Hydro treating Unit)**

**Position : Sr. QA/QC Engg.**

**Period : Sept 2010 to Jan 2011**

**Main Accountabilities and Responsibilities:**

* Implement the QA/QC management system at site
* Coordinate with quality inspections with all the site sub contractors and vendors coordinate all non destructive testing on site
* Coordinate with the customers representative on all quality matters
* Coordinate all receipt inspections
* Distribute relevant QA/QC documentation to site subcontractors
* Verify that the quality related site activities are in accordance with the applicable codes and standards
* Participate in the site internal and external site audits
* Coordinate all the quality site inspections through the site QC inspectors
* Ensure all quality control documentation is complied and competed for as-built hand over through the QC turnover engineer
* Control all nonconformance reports and undertake remedial action
* Compete site quality control instructions and action remedial responses
* Review the customers specification and undertake relevant training to the site QC inspector
* Monitor the implementation of the approved site QC Plan
* Complete and coordinate the approval of the sites QC technical submittals to the customer
* Coordinate with the site construction manager on all quality issues Coordinate and chair the QA/QC site weekly meetings with the projects subcontractors QC personnel
* Witnessing of welder qualifications testing and procedures qualification testing
* Witnessing any remedial repair welding
* Checking the hydrostatic test packages for **NDT /PWHT/PMI** compliance prior to testing
* Elaborating inspection and test programs
* Ensure the safety is adhered to at site
* Assure all technical documents relative to site quality control are current status
* Coordination with the field subcontractors and the Third Party NDT Inspection Company

7. **TOYO ENGINEERING (I) PVT. LTD. /Project of HALDIA PETROCHEMCALS LIMITED**

**Project : - Haldia sumermax revamp project ( Asia biggest revamp project)**

**Position:- Piping Engineer as a project consultant.**

**Period:- January 2009 to Sept. 2009**

**Main Accountabilities and Responsibilities:**

* Review Contractor’s method statements, QC procedures, ITP and Quality Plan and assist with establishing acceptable working practices for construction activities.  
  Monitor delivery of permanent materials and ensure the quality of products / consumables / materials comply with requirements of established Standards & Specifications.
* Perform routine surveillance, inspection , monitoring, auditing & assurance of Contractor’s site activities(Fabrication and Welding, PWHT ,NDT) in accordance with the Projects and Contractors, specifications, ITP and Quality Plans.
* Ensure all the personnel employed and operating in welding and NDE activities is duly skilled and qualified in accordance with the applicable specifications, codes and regulations.
* Interpreting and evaluating of NDT Results, witnessing Hydro test, Pneumatic test and Post test Re-instatement.
* Ensure all pre-construction activities and qualification trials are witnessed and approved as necessary. Ensure the Inspection & Test Plan of each activity is fulfilled and “hold points” of the company are completed in due time.
* ****Audit, inspect equipment of Contractors. Advice and assist Contractors in maintaining and upgrading their equipment to ensure high quality job.

**8.RELIANCE ENGINEERING ASSOCIATE (P) LTD / BECHTEL,FRANCE** worked in RELIANCE ENGINEERING ASSOCIATE (P)LTD.jamnagar, one of the leading company in fortune 500, world largest grassroot refinery ,as a **CONSULTANT,QMD**under BECHTEL specification at **JERP** (**jamnagar export refinery project**) from 3rd. January 2008to Jun 2008

**Job duties & responsibilities** are overall site inspection, i.e material identification, field welding to pressure testing & document reviewing.

##### 9. CONSOLIDATED CONTRACTING COMPANY/ SNAMPROGETTI/Project of SAUDI ARAMCO

**Project - Khursaniyah producing facilities ( KPF) ; Saudi Arabia**

**Position : QC INSPECTOR**



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**Period : since may”06 to aug.07**

**CCC Badge No-83348**

## Saudi Aramco Sap no.- 70005606

**Main Accountabilities and Responsibilities:**

* Inspection of fabrication of pipe & structure in shop & site upto 76” dia. & 60 mm thk. , in carbon steel, ss, alloy etc.
* **Ndt /PWHT/PMI** clearance
* Reinstatement making
* Inspection of bolt torquing & gasket installation
* Witness of different types of valve installation
* Inspection of orifice flange installation
* Making rfi & check list preparing as per client requirement
* Punch listing of before & after hydrotest
* Witness of hydrates & pneumatic test
* Liaising with clients for approval & dealing with contractor

10. Worked in **Arabian Pipeline & Services Co. Ltd. (Anabeeb)** in the Kingdom of Saudi Arabia as QA/ QC engineer from 31.05.2005 to 21.02.2006. The company is one of the leading companies in the kingdom in the field of industrial services and turnaround maintenance projects and is a joint venture company of **Mourick, The Netherlands** and **Al Osais, Saudi Arabia.**

**Main Accountabilities and Responsibilities:**

* Equipment inspection
* Fit up, root & final welding inspection of pipe joints
* Giving NDT/PWHT/PMI clearance of weld joints in piping work
* Punch listing of before & after hydrotest
* Witness of hydrotest & pneumatic test
* Pump & motor alignment inspection
* Pigging inspection
* Modification up date of isometric drawing & P&ID
* Engg. Documentation &qa/qc dossier
* Liaising with clients for approval & dealing with contractor

11. .Worked In **NICCO Corporation Ltd. (Project Division**) an ISO 9001 Company as a **QC Engineer** from May 1998 to May 2005

1. Worked at **Nuclear Power Corporation of India Ltd. Kaiga 3&4 Unit (EachCapacity 234 MW**), Dist: Uttar Kannada, Karnataka.

**Main Accountabilities and Responsibilities:**

* Material Identification
* Fit-up, root and final welding inspection of pipe joints (up to 28” dia. & 20.62 mm thk. max of P-1 material)
* Giving NDT/PWHT/PMI clearance of weld joints in piping work.
* Judging the requirement of preheating and PWHT of weld joints of high thickness, arranging the same, witnessing such tests and giving final clearance.
* Documentation
* Liaising with clients for approval.

The project called for stringent inspection by NPCIL.