**SMARAJIT**

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## Quality Assurance & Control / Quality Management System / Auditing / Process Enhancements; *preferably in the Oil & Gas and Power sector*

**Personal Snippets**

Date of Birth 17th October, 1973

Languages Known English, Hindi & Bengali

Nationality Indian

## Profile Overview

An astute professional with **over 19 years** of rich & extensive experience in large Fabrication and Mechanical Engineering of Desalination Plant’s, Pressure Vessels, Large Storage Tanks, Power Boilers, Petrochemical Plant Installations, Gas Turbine and Steam Turbine. Well conversant with **ASME, ASTM, AWS, AISC, BSENISO** codes & standards. **Presently associated with Kwik Steel Structures Fzco, Dubai as Quality Manager.** Strong acumen in Project Management activities including analysis of technical requirements under bidding & evaluation of project quality requirements; ensuring design & implementation Quality Management System. Proficiency in identifying and highlighting the special quality requirement of project under bidding that requires additional cost involvement and that may have serious schedule impact. Demonstrated skills in preparation of ITP, reviewing sub vendor’s procedures, attending kick-off meetings and pre-*qualification* meetings with clients. Instrumental in identifying and selecting the right vendors, as well as approving of vendors. Adept at co-ordinating contract & procurement cells about cost as well as implementing quality requirements that can enhance effective quoting of a new job. Expertise in efficiently liaising, following-up and negotiating with clients for fixing ambiguity & conflicts between contractual requirements. Holds field experience in Preparing WPS, performing PQRs, WQT’s and witnessing related lab testing. M*onitoring & witnessing all welding activities as well as welding NDT co-ordination and Welding Inspection. Proficiency in training & evaluating Test Results & Reports, RT Film Interpretation, Punch Listing & preparation & Review of Hydro test Package and clearing loops for mechanical complaince; carrying out heavy piping & testing work.* E*xposure of working in varied sectors across tenure, involving:*

* + *13 years in Oil & Gas (Unit Piping & Structures)*
	+ *3.5 years in Power including Atomic Power*
	+ *2.5 years in Gas & Steam Turbine, Generator, Unit Piping & Structures*
	+ *1.5 years in Chemical (Unit Piping & Structures)*
	+ *15 Months in Pressure Vessel*

**Organisational Scan**

**Dec 2006 to Jan 2016 Kwik Steel Structures Fzco, Dubai** *(9 years in Oil & Gas and 1 year in Aviation sector)* ***a*s Quality Manager**

**Key Deliverables:**

* Actively participating in Procurement Quality by defining the procurement requirement in line with the project requirement followed by Supplier Evaluation, Incoming and at Source Inspection of materials.
* Attending kick-off & pre inspection meetings of various new projects & clarifying various technical & quality requirements such as scheduling of inspection & testing activities with client.
* Planning & monitoring of preparation & submission of vendor quality requirements documents, obtaining approvals from clients including starting documentation up to MRB compilation & submission & approvals.
* Ensuring yearly assessment of Quality Department staffs & identifying training needs.
* Identifying the needs for the improvement of department & propose recommendation at yearly budget allocation meeting, utilization plan of allocated funds in strengthening department.
* Monitoring day-to-day inspection activities, reporting, organizing & scheduling of inspection of various stages including vendor inspections.
* Monitoring stage inspections starting from raw material inspection through obtaining IRN from clients.
* Analysing & publishing various departments’ rework statistics in yearly performance report & management review meetings.
* Assuring the compliance of various processes with ISO manuals & procedures.
* Scheduling and performing Vendor Audit, Internal Audit; handling 2nd party and 3rd party audit.
* Analyzing various Audit Reports and identifying the grey areas for improvement.
* Ensuring implementation of Management Review Meeting’s output to the system.

**Nov 2005 to Nov 2006 Siemens AG PG, QATAR (Qatar Power) as QA/QC Manager**

**Project: Independent Water & Power Project at RAS LAFFAN-B, QATAR**, *containing piping from 0.5” to 18”diameters followed by ASME B 31.1, Section IX & Installation of 3 nos GAS Turbo Generator 210MW x 3 & STEAM Turbo*

Role QA/QC Head for Plant Piping

**Key Deliverables:**

* Ensured preparation of Record’s for Material Approval; prepared ISO audit’s & quality control plans / procedures; checked Weld Maps’ preparation.
* Performed inspection of components of compressor, turbine & generator at preassembly & assembly stages.
* Monitored site activities as per approved Quality Control Plan (QCP); maintained documentation of activities as per QCP.
* Co-ordinated work schedule for NDT subcontractors to meet the specific NDT requirement of job.
* Ensured interpretation & evaluation of NDT results.
* Controlled calibration activities & records for Testing & Measuring equipment’s as well as maintained records of testing & measuring equipments.
* Monitored & maintained proper documentation system throughout the project period.
* Handled PWHT requirements & activities at site; ensured inspection control on structural steel installations & piping erection activities.
* Maintained, issued & controlled NCR records.
* Co-ordinated with clients to carry out testing activities; planned & prepared testing loops, testing schedules & testing packages.
* Controlled discrepancies & observations noticed at site during material receiving, pre-fabrication & erection.

**Dec 2004 to Nov 2005 Lahoud Engineering Co. Ltd., Dubai, UAE** *- Rumaitha NEB phase 1 development facilities (Oil & Gas sector)* **as QA/QC Engineer**

**Project: RUMAITHA Project**, *involving piping from 0.5” to 30”diameters followed by ASME b 31.3, Section IX & AUDCO specification & standard with approve quality control plan & industrial test plan*

Role QA/QC Welding Inspector for Plant Piping

**Key Deliverables:**

* Ensuring that the welding activities are in compliance with the applicable code, standards & specifications.
* Checking that the welding procedure used are approved & duly qualified as required.
* Coordinated with NDE, PWHT & HT needs; handled technical queries with project management superiors.
* Reviewed material certificate, consumable test certificates, calibration certificates of equipments & instruments.
* Prepared weekly performance report on the basis of RT reports.
* Verified that the welders are qualified as prescribed; ensured that only approved Electrodes, Wires, Fluxes, and Gas are used.
* Controlled backing of Low Hydrogen Electrodes as per approved procedure.
* Generated, maintained, & preserved all documents related to Raw Material, Welding & NDT; maintained, issued & controlled NCR records.
* Planned & prepared Test Loops, Testing Schedules and Test Packages.
* Controlled discrepancies & observations noticed at site during material receiving, Pre-fabrication & Erection.

**Preceding Assignments:**

**Nov 2003 to Dec 2004 Goodrej & Boyce Manufacturing Company Ltd., Mumbai, India** (Pressure vessel Manufacturing sector) **as QA/QC Engineer**

**Aug 1996 to Nov 2003 Larsen & Toubro Ltd, Mumbai, India** *(2.5 years in Power plant, 1.5 years in Chemical and 3 years in Oil & Gas sector)* **as QA/QC Engineer**

*Projects: RIL Patalganga (1 year), Reliance Salgaokar Power Plant, Goa (1 year), BPCL, ONGC, RCF (6 months), Tarapur Atomic Power Plant (1.5 year)*

**Professional Qualification**

* **IRCA certified Auditor / Lead Auditor**
* **CSWIP 3.1 Welding Inspector**
* **Authorised Inspector from Nuclear Power Corporation of India Limited.**
* **ASNT Level II in Radiography Testing**
* **ASNT Level II in Magnetic Particle Testing**
* **ASNT Level II in Dye Penetrate Testing**
* **ASNT Level II in Ultrasonic Testing**
* **ASNT Level II in Visual Testing**

**Education**

* **Diploma in Mechanical Engineering** from the Institute of Calcutta, India, with First Class.