**PROFILE**

* Diploma in Mechanical Engineering
* 11 years experience in L&T Heavy Engineering.
* Work experience in QA/QC (Quality Assurance & Quality Control) and Planning.
* Conversant knowledge in planning and execution of structural manufacturing, structural and piping installation & NDT inspections.

**CAREER OVERVIEW**

Started my career as a Junior Engineer at LARSEN & TOUBRO LTD Heavy Engineering, Visakhapatnam and last designated as Sr. Executive Engineer in Production & Planning under L&T. Gained extensive professional experience during my career as Engineer under QA/QC from 01 Sep 2004 till 30 Jun 13. Thereafter promoted to Sr. Executive Engineer Production Planning form 01 Jul 13 till 30 Nov 15. Proactive decision maker, presently targeting a senior and challenging assignment as a **QA/QC Manager/Supervisor/Officer** within a well-established and globally reputed organization in the Ship building Industry and career development under QA/QC field.

**PROFESSIONAL EXPERIENCE**

**Planning Engineer**

Designation : Sr. Engineer

Period : 01 Jul 2013 to 30 Nov 15

Organization : L&T Heavy Engineering, Visakhapatnam, India

**QA/QC Engineer**

Designation : Engineer

Period : 01 Sep 2004 to 30 Jun 2013

Organization : L&T Heavy Engineering, Visakhapatnam, India

**SKILLS & STRENGTHS**

* Easy adaptability to new concepts and ideas, working on innovative projects.
* Good communication skills.
* Ability to train / coach sub-ordinates for superior performance.
* Preparation of Training modules for sub ordinates.
* Carrying out tasks related to isometric checking as per P&ID, equipment drawing, etc.
* Preparing detail drawings for pipelines, plate cutting plan, detail fabrication drawings & schemes for structural steel, field change proposals.
* Designing and developing piping lay-out and conducting studies for the detailed engineering and production of general arrangement & piping fabrication drawings as deliverables.
* Developing equipment layout, plot planning and general arrangement drawings.
* Undertaking / offering of piping and structural stage inspections.
* Preparing QA related documents, conducting ISO audits, and implementation of appropriate corrective/preventive actions.

**DUTIES AND RESPONSIBILITIES AS PLANNER**

* Effective planning and execution of job.
* Resolving site queries by consulting customer.
* Preparing scope documents, procedures, TY drawings, project planning schedules.
* Conducting Kick off meetings with all concerned stakeholders before commencement of work.
* Planning and supervising installation of SLS (accommodation) work in living spaces in ship.
* Preparing and uploading Level 1 & Level 2 schedules and task updation in Concerto.
* Resource planning, Material planning, Identifying critical areas and rescheduling.

**DUTIES AND RESPONSIBILITIES AS QUALITY CONTROL ENGINEER**

* Undertaking / offering stage inspections as per Quality Assurance Plan /Measurement Plan.
* Carry out inspections like Receipt & Acceptance check inspection of Pipes and Structural plates, marking (structural), Cutting & Bending of plates (HOT & Cold Bending method), Marking, Weld Edge Preparation, Set-up, Welding, NDT, Hydro test, Insulation, Installation of structures & Final dimension inspection as per the Quality Assurance Plan /Measurement ,Plan and installation drawings.
* Checking of Control Test and Volumetric test of tanks in the vessel.
* Carry out pre installation and post installation checks of structural elements as per installation drawing.
* Coordinating inspection activities at site.
* Monitoring of all welders in Process area as per WPS.
* Monitor, Investigate, Identify and Raise site quality issues to the project team.
* Promote Quality awareness throughout the site.
* Weekly Quality walks in all areas with client
* Conducting Weekly Quality Meeting with clients/Qc-Coordinators.
* Preparing and scrutinizing procedures for carrying out NDT inspections such as DP, UT, RT and kerosene test
* Radiography film interpretation.
* Carrying out UT inspections.

**DUTIES AND RESPONSIBILITIES AS QUALITY ASSURANCE ENGINEER**

* Prepare quality plan, Project quality procedures in compliance with contractual requirements.
* Review and compile Project quality documentation, ensuring appropriate Standards are adhered to
* Develop, maintain and improve Departmental Procedures, Work Instructions etc.
* Reviewing QMS amendments/ new documents prior to release.
* Carry out root cause analysis for non-conforming products.
* Preparation & uploading of inspection check list (ICL) in PLM/ISDMS (Product Life cycle Management) for creating inspection stages and maintaining DPPs (Department Performance Parameters).
* Ensure availability of measuring instruments and their calibration/maintenance for inspection related activities.
* Conducting / organizing the internal auditing of departments through ISO 9001:2008 audit plans and conducting ISO awareness among all the employees.
* Liaison with external auditors for smooth execution of audit program.
* Assisting and guiding in formulation and implementation of appropriate corrective/preventive actions.

**COMMUNICATION PLANNING**

* Co – ordination with the in-house & external department for problems resolution & for meeting their expectations.

**EDUCATIONAL QUALIFICATIONS**

* Diploma in Mechanical Engineering from Govt. Polytechnic, Vizianagaram, State Board of Technical Education and Training in 2004
* Secondary School Certificate from ZP High School, Visakhapatnam, Board of Secondary Education in 1998

**IT SKILLS**

* Design Software AutoCAD
* Operating system Windows 98, XP 7 & 8
* Packages/Applications MS Office (Project, Access, PowerPoint, Excel, Word), User Interface in Product Data Management (PDM), BAAN Package & PLM (Product Life Cycle Management-Dassault system)

**CERTIFICATION**

* ASNT LEVEL –II in VT, RT, UT AND MPT,PT

**PERSONAL DETAILS**

Email : [kanchanamal.254850@2freemail.com](mailto:kanchanamal.254850@2freemail.com)

Date of Birth : 15 July 1982

Sex : Female

Marital Status : Single

Nationality : Indian

Place of Issue : Visakhapatnam, India