MECHANICAL / PIPING ENGINEER

SAMALKUMAR S

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Doha, Qatar.



8+ years of Professional Experience (5.5 years in GCC & 3 years in India) in Oil & Gas projects as a Piping / Mechanical Engineer Worked in the areas of fabrication, erection, installation, testing and commissioning of pipe lines, fittings, supports, valves, pumps and all other special equipment related to piping. Well aware about dossiers like Welding Summary, NDT Reports, Piping Test Packages for both above ground & underground piping, vendor piping and steam trace, etc. Also experienced in reading and revising of Isometric Drawings, Spool Drawings, Vendor Drawings and P&ID. Familiar with codes and standards like ASME standards.

Career Objective:

To secure a position in the organization that offers challenge and opportunity for my career development and at the same time serve the organization to the best of my capabilities. I would like to gain new skills while utilizing my current area of expertise of procurement and employee satisfaction services within a positive team environment.

Key Skills:

- Willing to work in any flexible schedule that may occasionally include early or late start times.
- Experienced in fabrication & erection of both metallic and non-metallic pipeline, valves and supports.
- Piping Test Package preparation and reviewing of AG&UG piping, Vendor piping and Steam Tracing line.
- Able to read drawings like P&ID, Spool Drawings and Isometric Drawings.
- Weld summary reviewing & Test Package clearing.
- Able to perform critical works like confined space works & works at higher elevated areas.
- KNPC (Kuwait National Petroleum Corporation) approved Work Permit (PTW) Executor and First Aider.
- Quality Assurance and Safety Management.
- Project Management and Documentation.
- Workflow Optimization & Team Leadership.
- Mechanical / Piping QA/QC.
- ASNT Level-2 in welding NDT inspections.

Technical Skills:

- Piping Engineer.
- ASNT Level-2.
- Pro-Engineer.
- CATIA.
- Computer Aided Drafting or Design (Auto-CAD).
- 3D sketches in Auto Desk Navis work Freedom.
- Work in all versions of Windows Operating System.
- Efficient in Microsoft Office Word, Excel, PowerPoint, etc.

Certifications:

- Project Piping QC Approval by TSHJV in KIPIC New Refinery Project-Al Zour, Kuwait.
- Project Piping QC Approval by JGSK in KNPC Clean Fuel Project-Mina Al Ahmadi, Kuwait.
- NDT ASNT Level-2 in Welding Inspection (PT, MT, UT & RT).
- Diploma in Piping & Pipeline Engineering.
- Computer Aided Drafting or Design (Auto-CAD).
- Diploma in Product Design (Pro-Engineer & CATIA).

Education:

❖ **April 2013** — **Bachelor of Engineering**
Sub :- **Mechanical Engineering**
University:-**Anna University Chennai, Tamilnadu, India.**
Aggregate:- **7.35 CGPA**

❖ **April 2009** — **Higher Secondary Education**
Sub :- **Science**
University:-**State Board of Kerala, India.**
Aggregate:- **80%**

❖ **April 2007** — **Higher School Education(SSLC)**
Sub :- **Science**
University:-**State Board of Kerala, India.**
Aggregate:- **83%**

Professional Experience Summary:

➢ **December 2021 – Present** **MECHANICAL / PIPING ENGINEER**
GENESIS TRADING CONTRACTING AND SERVICE, Qatar.

➢ **June 2016 – October 2021** **MECHANICAL / PIPING ENGINEER**
NASSER S AL-HAJRI & PARTNER CORPORATION (NSH), Kuwait.

- **June 2016 to July 2018** **:- KNPC Clean Fuel Project – JGSK Joint Venture (JGC, GS, SK), Mina Al-Ahmadi.**
- **July 2018 to November 2020** **:- KIPIC New Refinery Project – TSH Joint Venture (TR, SINOPEC, HANWA), Al-Zour.**
- **November 2020 to October 2021** **:- KIPIC New Refinery Project – FDH Joint Venture (FLUOR, DAEWOO, HYUNDAI).**

Duties and Responsibilities: -

- Monitoring installation of piping systems and pipe line for UG and AG piping in either CS, LTCS, SS, Alloys, PVC, GRP, etc. and verifying the related QC Documentation.
- Prepare all work instructions such as installation and selection documents necessary for equipment setup.
- Performing inspections such as root gap, root face, bevel angle, alignment, material grade, size, orientation etc. as per approved codes and company procedure.
- Monitoring heat treatment process before weld and after weld (PWHT) based on line construction class requirement.
- Performing material receiving inspection as per company and client requirements utilizing the applicable standards and specifications.
- Attending repairs in welding and offering quality inspection.
- Ensuring close out of all open issues such as punch points within the time frame agreed with the client.
- Line walking package wise, defects or problem identification, punch list preparation, punch closing and ensuring quality in each and every part of the package.
- Inspection of piping using NDT techniques such as PT, MT, UT, RT, etc. during fabrication and after welding stages.
- Coordination with clients and third party inspection, in accordance with approved ITP, for agreed witness inspections and tests.
- Performing assigned in-process and final products inspection and tests as identified in the Approved Inspection and Test Plans.
- Coordinating quality activities with subcontractors and any other individual parties who may be working on the same site.
- Verifying that all necessary inspections and tests, as required of the project and by statutory regulations, are carried out and appropriate records are updated and maintained.
- Hydro test package modification, reviewing of weld summary like welded joints inspection reports, threaded joints tightening reports, flange joints bolt torqueing reports and releasing packages for testing.
- Coordination of hydro testing QC activities, verification of certificates like gauge & PRV calibration, manifold, test fluid, etc.
- Hydro Test activities like package line walk, limit checking, test witnessing, test report preparation and submission to the client to get final signature.
- KNPC approved work permit executor and the team first aider.

➢ **October 2014 –June 2016** **MECHANICAL ENGINEER**
SREE LEKHA CONSTRUCTION
Client: - South Eastern Coal Field Ltd. Bilaspur, India.

Duties and Responsibilities: -

- Develop drawing packages for fabrication and assembly.
- Receives all the equipment, materials, and tools as requested and reconciling them with the requested orders to ensure accuracy, completeness, and condition of items.
- Manages the Supervisors and Technicians to get up to date information for forecasting site progress on daily / weekly / monthly basis. Ensure proper work distribution and the manpower allocation.
- Monitoring the installation and alignment of pumps, valves, all other devices or equipment and its connections as per the approved drawing.
- Maintain best quality and maximum productivity by giving first priority to safety.
- Complete all the tasks required or specially requested by the client timely and to report their status during every weekly meeting along with the site progress.
- Maintained accurate project records such as updated drawings & documents throughout the project.
- Prepare as-built drawings for the additional modification required as per site condition.
- Assist engineering team for last time modification requirement during construction.
- Co-ordinate the testing team for the final hydro test and commissioning.
- Final checking and make sure of all client requirements were done and satisfied.
- Bill preparation of materials and work done according to the project progress.

➢ **July 2013 – October 2014** **MECHANICAL SUPERVISOR**

POWER MAX (INDIA) PVT. LTD.

Client: - GERDAU STEEL LTD. Tadpatri Project, Andhrapradesh, India.

Duties and Responsibilities: -

- Prepare work plans and allocate duties and responsibilities to subordinates to ensure maximum work efficiency and productivity.
- Prepare and maintain time cards/sheets, work permits of workers concerned and ensure work done is in accordance with the work permits.
- Risk assessment and maintained safe work condition throughout the project.
- Ensure proper allocation of manpower, tools and materials for the entire works.
- Timely maintenance and replacement of equipment and its parts.
- Ensure maximum efficiency and quality of the work output at every stage of the work.
- Provide technical support to prepare and coordinate designs for industrial projects.
- Interpreted design, standard, schematics & updated drawings/sketches to support construction work.
- Generated and distributed the required documentation records including status reports, punch lists, material requirements to team members and manager.
- Establish a strong relation with the client and to fulfill their requirements in every project stage.
- Maintained proper documentation which needed for the billing procedure.

Language Skills:

- ❖ **English** - **Fluent** (speak, read, write)
- ❖ **Malayalam** - **Mother tongue** (speak, read, write)
- ❖ **Hindi** - **Fluent** (speak, read, write)
- ❖ **Tamil** - **Intermediate** (speak)

Personal Information:

Date of Birth	**26/10/1991**	Marital Status	**Married**
Gender	**Male**	Present Country	**Qatar**
Nationality	**India**	Visa Status	**One year valid visa (NOC available)**
Available to Join	**Immediately**	Email ID	**samalkumars@gmail.com**
Mobile Qatar	**+974 30205973**	LinkedIn ID	**www.linkedin.com/in/samalkumar-s**

Passport Details	**Number**	**L7153204**
	Issued from	**Trivandrum**
	Date of Issue	**11.02.2014**
	Date of Expiry	**10.02.2024**

Declaration:

I hereby declare that the above particulars in this application furnished by me are true to the best of my knowledge and belief.



Place : Doha, Qatar

Date :

Samalkumar S