**S. K. GURUCHAL**

Mumbai-421 503

Contact: +91 8097 162931, +91 9987 220634

Email: [swap\_guru@rediffmail.com](mailto:swap_guru@rediffmail.com) , Skype: swapnil.guruchal

**Objective:-**

9 years of experience in the field of **Piping Execution/Inspection/ Operation Offshore & Onshore (Shipbuilding/ Marine/ Rig/ Oil & Gas/ Fertilizer/Refinery ) Industries**. To be successful professional in the highly competitive field of Mechanical engineering. To learn and master the ever-evolving technologies through hard work, dedication and total commitment.

**Professional Experience:** -**8.9 Years.**

* Working as **Crude Storage Tank & Piping Engineer** with **Chemie- Tech DMCC, Nigeria**. 25 TH July 2017 to Till Now.
* Worked as **Asst. Manager -Piping Engineer** with **Onshore Construction LLC, Nigeria**. 14 TH June 2016 to 16 TH June 2017.
* Worked as **Piping Engineer** with **Vedam Design & Technology Centre, Mumbai,** India.6TH December 2012 to 13 TH June 2016.
* Worked as **Assistant Engineer Piping** with **Bharati Shipyard Pvt. Ltd, Ratnagiri**, India, 1ST January 2011 To 5TH December 2012.
* Worked as **Design Engineer Piping** with **Varsha Engineering Services**, **Thane**, India, 1ST June 2009 To 31ST December 2010.

**Educational Qualifications:-**

* B.E. in Mechanical Engineering, Mumbai University.
* Diploma in Mechanical Engineering, Maharashtra Board of Technical Education.
* S.S.C, Board of Secondary Education.

**Work Experience:-**

**Chemie- Tech DMCC, Abu Dhabi.**

**July 2017 – Till Now.**

**Engineer – Crude Storage Tank & Piping Engineer – Dangote Refinery Plant.**

* Having extensive experience in non-metallic & metallic piping, both inspection and construction.
* Expertise in making, checking, approving piping drawings like isometrics, layouts, support drawing, and expert in the inspection & construction as well.
* Visual inspection of bare pipe for defects, flats, oil. Verification of Pipe No. Heat No., Length, Preheating Temperature before Blasting. Ambient Conditions, Degree of Cleanliness.
* Holiday Test for defects & damages, Cut back Length measure. & Bevel Angle (to ensure), Marking of Accepted Pipe, Total Thickness Inspection.
* Site Execution, Pipe rack, Equipment, Pumps piping construction.
* Inspection of Fabrication, Erection & Hydro testing of Piping System as per P &ID, G.A.
* Verification of testing certificate of item code product before use in operation.
* Offer the job before finalizing to owner representative for final approval.
* Job involves coordination effectively with consultants for Engineering, procurement and inspection and also with construction team.
* Extensive coordination will have to be done between engineering office and vendor during ordering, drawing review and issue at site.
* Planning, scheduling & will have to report periodically the daily progress of project to project In charge management.
* Project:
* Dangote Refinery Project. Nigeria

**Onshore Construction Pvt. Ltd.**

**Jun 2016 – Jun 2017.**

**Asst. Manager – Piping – Dangote Fertilizer Plant.**

* Preparation/ review of equipment layouts, piping GAD/isometrics, Piping supports and specifications, MTO, 3D Plant Models, Review of DCA.
* Co-ordination with other departments. Communication with customer/ clients & participation in technical discussions with customer
* Co-ordination with Erection and commissioning for site support. Provide the proper solution in critical situation for piping fabrication & execution team.
* Design effective, cost-efficient and innovative engineering solutions to meet client needs.  
  Ensure to meet scheduled commitments. Identify and prioritize scope specific initiatives.
* Project:
* Dangote Fertilizer Project. Nigeria

**Vedam Design and Technology Pvt. Ltd.**

**Dec 2012 – Jun 2016**

**Piping Engineer - Ship building, Oil and Gas, Rig plant**

* Ensuring engineering work undertaken is accordance with Procedures and Standards. Review technical specifications for shipboard equipment, technical review of quotations, and preparation of trial procedure.
* Review drawings/ equipment specification and check whether they are meeting all rules/ standards/ statutory requirements applicable for the project.
* Worked in coordination with the project administrator and managers to complete the projects - Served as a point of contact from project initiation to completion.
* Inspection of piping layout as per P & ID.Checking the construction as the reference of G.A.
* Responsible for Hull/ Outfitting/ Structural & piping inspection & witness.
* Dry inspection, painting inspection before basine & se trial.
* Pre- commissioning check up, & commissioning as witness approval.
* Allocated resources to various departments and managers as per their needs and requirements.
* Analysed and monitored the project reports to sort out issues in documentation section.
* Maintained and documented reports on a daily basis regarding the projects assigned to various departments; progress, schedule, budgeting and forecasting
* Checking of all Hull structure, Piping arrangement, GA, Painting Spec, Piping Spec during fabrication.
* Commissioning of pumps related systems, Main Engine, D.G. Set, and Safety Alarms. Basin Trial, Sea Trials. &solving the technical queries regarding design on site carefully.
* Technically solve the quires on site, surveying of ship’s hull, piping, alignment, painting, routing of pipes, erection & commissioning of system. Oil/Gas/ Rig piping.
* Ensure that the Safety, Quality & Environment requirements of the yard are
* Project:
  + 1400T INLAND OIL BARGE-1
  + 1400T INLAND OIL BARGE-2.

**Bharati Shipyard Pvt. Ltd.**

**Dec 2010 - Dec 2012**

**Assistant Engineer – Piping (Layout & Execution).**

**Piping Design**

* Process Plant Layout Piping - Basic & Detail Design engineering for interconnecting Equipment’s like Distillation Towers, Pumps, Heat Exchangers, Compressors, Reactors, Storage Tanks, Drums, Pipe-Racks.
* Piping Study layout with reference of Plot-Plan, Process P&ID, Utility P&ID, Line-List, Civil Drawing, Piping Specification, Equipment Data sheet, Instrument specification, etc. to identify location for equipment’s and associated infrastructure for routing the piping to satisfy client specifications for operational, maintenance & safety requirement and considering the possibility of piping supports.
* Design Equipment layout, Equipment arrangement & Elevation, Nozzle orientation, Platform Elevation, ladder & staircase arrangement, hand railing
* Preparation of layout as per suitable at site, Erection of machinery, Fabrication and Erection of piping, penetration, support etc.
* Pre-commissioning checks as per drawing, cold check of Piping, testing, Commissioning of piping system
* For Special type vessels having Fire Fighting, DNV, LRS, IRS & BV class approved.
* Supervise the job for the fabrication and fitment of pipe, valves, pumps, filter, heat exchanger, and varies piping equipment Supervise the project execution work as per design.
* As per class requirement showing system operational performance to surveyor and owner such as all the alarm, monitoring & safety functions and working of equipment as per trial protocol.
* Preparing inventory for material indents. Material inspection & Maintain MVR
* Project**:**
  + V/356 BOURBON ARGOS-LUXEMBOURG [AHT VESSEL].
  + V/381 UP JADE, BAHAMA.
  + V/395 SCI-HEERA [AHT VESSEL].
  + V/394 SCI-MUKTA [AHT VESSEL].

**Certifications:-**

PDS, SP3D, Piping Modelling, AutoCAD 2D, Solid works, CNC Programming

(Coding & Operation)

**Reference:**

* Mr.V.S.Bagave, DGM QA/QC Piping, Hull, Bharati Shipyard Ltd. India: +919421230997.
* Mr. P. Chattopadhyay, VP, VDTC & Pipavav Shipyard Ltd. India: +919727777120.

**Personal Details:-**

Permanent Address : Flat No. B/204, Yashwant Complex,

Near KatrapVidyalay, Katrap,

Badlapur (E.), Thane-421 503,

Maharashtra, India

Date of Birth : 13th march, 1986.

Passport No. : H7066740.

Passport Date Issue. : 13 /11 /2009.

Passport Date Exp. : 12 /11 /2019.

I hereby declare that all the information provided in this application is factual and correct to the best of my knowledge and belief.

**S. K. GURUCHAL.**