

## **G. PARTHIBAN**

EMAIL: mail2sridharparthi@gmail.com

MOBILE:7092425356,7010913431

Seeking a position with a progressive organization that is striving to be a leader in painting, I want to be part of a company that offers an opportunity for professional growth, advancement and challenges both individuals and teams to do their best work.

### **Professional Profile**

**Company: Fabtech enterprises, Sriperumbudur,** Design engineer from May 2021 to till date.

Software's used: SP3D, AutoCAD.

### **Key Roles & Responsibilities**

- Equipment modeling and equipment orientation layouts as per vendor Drawing using SP3D.
- Designing / routing the piping as per P&ID with respect to Equipment layout.
- Experience in Piping design activities (3D Modelling, Plot Plan Study, Piping route study, piping GAD'S Isometrics, MTO.... etc.)
- Modelling Slope pipelines.
- Piping Modifications as per client requirement.
- Underground piping as per P&ID with respect to Equipment layout
- Clash check report extraction and clash resolving.
- TO DO List resolving.
- Extracted isometrics by using SP3D
- Piping GA, Equipment GA, Cable Trench GA Extraction (2D)
- Design of vessels, pumps, towers, exchangers and storage tanks as per equipment vendor data.
- Modified nozzle orientation & elevation as per piping requirements.
- Prepared of general arrangement drawing for piping
- Piping supports for non-critical lines as per support standard and critical lines as per stress report.
- Structured modelling like Temporary platforms, ladders, staircase etc Providing input to civil for platform modelling, special supports modelling etc.
- Designing of foundation, slabs, cable tray and hvac etc
- Aware of Piping codes and standards (ASNI, ASME, API...etc.)
- Knowledge of Pipe OD, Schedule, NPS and ID
- To carry out of customization, creation of Orthographic Drawing Template in Smart Sketch.

**Company: Kirloskar corrocoat private limited**

(Manufacturer of glass flake filled technology coating)

Clients : BHEL,NPCIL,NTPL,DAE –PRPD,ONGC, ADITHYA BIRLA

Execution engineer from April 2018 to March 2021 .

**Key Roles & Responsibilities**

- To execute the activities of surface preparation and application of protective coatings. (Planning, Scheduling, Assigning and Monitoring of assigned technicians)
- Ensure coating activities are being carried out in accordance with the Project Specifications and approved QAP.To represent coating inspection activities to the Client/TPI on behalf of company.
- Coordinate with, Production Engineers, Clients and Suppliers on technical issues.
- Responsible for the quality control of the whole activities involved in Surface preparation and Coating.
- Advise the crew to select appropriate blast nozzles and spray tips according to the field reality.
- Periodical monitoring of weather conditions and preparation of Inspection Reports
- Periodical monitoring the use of WFT gauges by paint applicators. Monitor mixing and thinning of paint, application methods and Wet Film Thickness.
- Preparation & Submission of Daily Progress Reports (Recoding of data's like, Humidity, Dew Point, Surface & Ambient Temperature &etc)
- Preliminary & Post blasting inspection (Abrasive cleanliness, compressed air cleanliness, chloride test, etc.,) as per respective standards.
- Monitor Coating mixing ratio & pot life
- Monitor and ensure that over coating intervals between each coat being followed accordingly Verify after coating, dry film thickness by magnetic gauges SSPC PA-2.
- Conducting High voltage holiday testing in accordance with NACE RP 188/ASTM G62.
- Conducting Adhesion test by Tape Test and Pull-off method as per ASTM standards.
- Well versed in Coating Standards of International Standards like SSPC, NACE, ASTM, ISO etc.,

**Skills**

- Modelling Software: SP3D, AutoCAD, Solid Works,
- Commercial package: Microsoft Office

**Projects Handled**

Project 1:BHEL-North Chennai Project (Pipeline Internal Coating), Gujrat.

Project 2:SGPL and MEPL, Nellore (Shutdown)

Project 3:BOKARO ONGC Site (Under TPL Construction)-Tank Internal Coating, Ranchi.

Project 4: BGR (OGED)-Heater treater Vessel Internal Coating, Chennai.

Project 5:High Tech Carbon (Birla Carbon) – Silo Internal Coating, Chennai.

Project 6: IGCAR(PRPD) – Seawater pipeline internal coating, Kalpakkam.  
Project 7: Adani port, kattupalli –Firefighting line internal coating, Chennai.  
Project 8:MEIL power plant – Pipeline internal coating and field joint,tuticorin.  
Project 9:TAQA Power plant – VR PUMP Corrosive internal coating, Neyveli.

### **Instrument handling**

Coating inspection tools and instruments such as Whirling Hygrometer, Dew point meter, Dew point calculator, Limpet-Gauge, Infrared thermometer, Digital Surface Profile Gauge, Replica Tape with Dial Micrometer, Comparators, , SCM device, Potassium ferricyanide kit, Sleeve test kit, Comb type WFT gauge, DFT Gauge ( Banana Gauge & Digital DFT Gauge), Holiday-detector ( Low & High), Dolly Pull-off adhesion tester, Knife test kit, etc.,

### **Quality Management Service Limited (6 Months)**

- Quality Engineer from October 2017 to March 2018.
- Quality MR Activity, Documentation.

### **Harshitha Fabricators, Sriperumbudur (2.1 Years)**

- Assistant Engineer from Aug 2015 September 2017.
- Fabrication and Errection work

### **Qualification**

Bachelor of Engineering (Mechanical) from Saveetha Engineering College 2012 to 2015

### **Personal Profile**

- **Father's Name** :P.Gowrappan
- **Date of Birth** : 06/03/1994
- **Marital Status** : Single
- **Address** :No.1/40, mariyammankovil street, Alankuppam village and post, Ambur Tk, vellore Dt
- **Languages Known**:Tamil, English, Hindi –Intermediate

**Date:**

**G. Parthiban**