

BRIGHTOUS S

Design Engineer - Piping

PERSONAL

Date of Birth : 31st Jan 1991
Relationship : Single
Nationality : Indian
Passport No : P2494189
Languages : English, Tamil,
Malayalam


SKILLS

TECHNICAL 
COMMUNICATION 
CREATIVITY 
TEAMWORK 
LEADERSHIP 
TEAMPLAYER 

SOFTWARE

AUTOCAD 
PLANT 3D 
NAVISWORKS 

CONTACT

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 5/35, Manavilai Road,
Saral (P.O),
Friday Market Via,
Kanyakumari, Tamil Nadu,
INDIA

SUMMARY

- Competent and qualified **PIPING DESIGNER** having 3 years of experience in Piping design & Detail engineering Projects such as Water treatment plants , Oil and gas plants and Chemical Plants.
- Good hands on Knowledge on Piping GAD, Isometric checking, Piping components with relevant Codes and Standards (ASME, JIS , ANSI).
- Experience in Preparation of Equipment modeling, Piping layouts, Preparation of G.A drawing, MTOs, Generation of Isometric, Spool drawings and Pipe supports.
- Have highly contributed in different projects for the effective and flawless designing and modelling.
- Experience in designing of components and modeling of the entire assemblies of equipment.
- Has experience in interacting with other departments such as Stress, Structural, Process, etc.

EDUCATION

Diploma in Mechanical Engineering,
Morning Star Polytechnic College,
Nagercoil, Tamil Nadu,
2010-2012

REFERENCE

Mr. Genish G
Project Manager,
T: +91-9790790576
E: genish.govindan@global-csg.com

CAREER PROFILE

Company : Creative Synergies Group
(P) Ltd. (Bengaluru)

Designation : Design Engineer - Piping

Duration : Apr 2018 – Till Date

PROJECTS HANDLED

Project : UPW & WWT System for 12-
inch Advanced Production
Line Construction Project

Client : Kurita Water Industries Ltd.
(Japan)

Project : UPW system for Yangtze
River Storage Technology.

Client : Kurita Water Industries Ltd.
(Japan)

Project : JFE Kurita Japan

Client : Kurita Water Industries Ltd.
(Japan)

Project : HH Grace Scope-2
CUB_UPW_WWT

Client : Kurita Water Industries Ltd.
(Japan)

Project : SHINTECH VCM3 Cufe

Client : Kurita Water Industries Ltd.
(America)

Project : MARLIM 2- FPSO ANNA
NERY Chemical SKID
(Packages).

Client : Frames (Netherlands)

ROLES & RESPONSIBILITIES

- Ensure delivering the 3D model of the plant in the steadfast time with clash free design in adherence to the project schedule.
- Modelling of equipment models such as Pumps, Blowers, Tanks, Vessels and Heat Exchangers.
- Piping routing with clash control and designing according to P&ID using Plant3D.
- Spec wise extraction of Bill of Materials in Plant 3D.
- Reviewing the nozzle orientation of tanks and vessels, suggesting the optimal orientation to the client.
- Preparation of equipment front and around piping for the equipment such as Pumps & Filters with responding client's standards.
- Preparing the Piping 3D Model and reviewing it by using Navisworks.
- Extraction of Piping Isometrics in Plant 3D.
- Extraction of piping GA Drawing.
- Modelling and extraction of SKIDS 3D Model.
- Preparation of as-built isometrics drawing.
- Extracting equipment GAD's & piping GAD's from the AutoCAD Plant 3D module.
- Preparing consolidated piping BOQ .
- Preparation of P&ID and Schematic Flow Diagram.
- Reviewing vendor drawing.
- Coordinating with Project Engineer in the site.
- Preparation of Piping General Arrangement drawings .
- Extracting and checking piping isometrics as per check list.
- Review of 3D model using Navisworks.
- Preparation of plot plan.
- Preparation of piping area key plan.
- Preparation of Plot Plan layout, Equipment layout, piping layout, & Pipe rack layout.
- Well versed with Pipe Support selection for Critical and Non-Critical lines.
- Co-ordinating with the Project Manager and Client in the Review meeting and bring-up the queries and suggestion in the project.
- Review of vendor drawings and documents and giving manufacturing clearance to the vendor.
- Generation of equipment layout for the different floor levels.
- Design and detailing of Pipe supports as per the client's support standard.
- Preparation of nozzle orientation drawing for storage tanks and fabricated equipment .