**SUNIL V. JATHE**

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Aspiring to gain International exposure to all dimensions of Design & Engineering. To be part of a dynamic & challenging work environment with promising growth opportunities, leading to a satisfying career.

**SUMMARY**

* **10 years**  of experience in Engineering, design & manufacturing services.
* Adept at development of equipment layout & piping layout using design 3D tools like **SP3D** & 2D design toolsas **Autocad** & smart sketch.
* Excellent knowledge of design & engineering like pipe wall thickness calculation, material specifications,column piping ,pipe rack ,cooling tower facility, design & requirements of tank farms, pipe supports ,big bore and small bore piping etc
* Competent in extraction of ISOs, & General Arrangement Drawing (GAD), preparation of M.T.O. using SP3D & Autocadas per client requirements .
* Conversant with ASME codes & dimensional standards like ASME B31.3, ASME B16.5, ASME 16.9, ASME16.11 ASME 36.10, ASME 36.19, API, MSS SP standards etc.

**EMPLOYMENT DETAILS**

1. **Present:**

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| **Company** | PRAJ INDUSTRIES LIMITED |
| **Designation** | Engineer Piping |
| **Period** | Jully 2014 to till date. |
| **Location** | Near Bhumkar Chauk, Hinjewadi, Pune. |

**1) Title: Evaporaton Plant.**

**Plant: Hyderabad, India.**

**Client: Pepsico India.**

**2) Title: 60 KLPD Distillery Plant.**

**Plant: Srilanka.**

**Client: W.M. Mendis Distillery.**

**3) Title: 60 KLPD Distillery Plant.**

**Plant: Daman (U.T).**

**Client: Khemani Distillery.**

Roles & Responsibility:-

* Preparation of bulk MTO through conceptual piping layout and from P & ID.
* Preparation of Nozzle Orientation of the Equipment.
* Providing inputs to civil dept.
* Equipment Modelling, Pipe routing, Support modeling.
* Preparation of Piping G.A.& isometrics drawing.
* Hard Q.C. of the isometrics deliverables for the approval and construction..
* Preparation of civil load data.

1. **Previous:**

|  |  |
| --- | --- |
| **Company** | KBK CHEM ENGINEERING PVT. LTD. |
| **Designation** | Engineer Piping |
| **Period** | Jan 2011 to june 2014 |
| **Location** | NDA-Pashan road, Bavdhan, Pune. |

**1) Title: 150 M/T per day Ethyl Acetate Plant**

**Plant: Bharuch, Gujrat, India.**

**Client: Gujrat Narmada Valley Fertilizers Co. Ltd.**

Roles & Responsibility:-

* Preparation of bulk MTO through conceptual piping layout and from P & ID.
* Preparation of Nozzle Orientation of the Equipment.
* Providing inputs to civil dept.
* Equipment Modelling, Pipe routing, Support modeling.
* Preparation & Extraction of isometrics.
* Hard Q.C. of the isometrics deliverables for the approval and construction..

**2**) **Title: 300 KL/Per day Ethanol Plant.**

**Plant: Vale do Ivai S/A , Parana, Brasil.**

**Client: Shree Renuka Sugars Ltd.**

Roles & Responsibility:-

* Preparation of bulk MTO through conceptual piping layout and from P & ID.
* Preparation of Nozzle Orientation of the Equipment.
* Providing inputs to civil dept.
* Equipment Modelling, Pipe routing, Support modeling.
* Preparation & Extraction of isometrics.
* Hard Q.C. of the isometrics deliverables for the approval and construction.

1. **Previous:**

|  |  |
| --- | --- |
| **Company** | ROLTA INDIA LTD. Mumbai. |
| **Designation** | Executive L2 |
| **Period** | 18th Jun 2007 to December 2010 |
| **Location** | Andheri (E), Mumbai. |

**1) Title: 3D Modelling & GAD preparation using SP3D**

**Plant: MAADEN REFINERY**

**Client: Kuwait National Petroleum Co.**

Roles & Responsibility:-

* Study of reference drawings like client P&ID ,ISOs , GADs, support standards , material specifications, equipment data sheets.
* Modelling of piping & equipment from point cloud data from LFM in 3D environment using **SP3D**
* Extraction of deliverables like Isometrics & GADs as per client requirement.
* Review of model for interference & clashes, required space for operation & maintenance using **SPR**
* Review of model by integrating **LFM** with Smart Plant Review.
* Preparation of General Arrangement Drawing using **SP3D.**

**2) Title: Detail Engineering. & 3D Modelling Project**

**Plant: Phosphoric Acid Plant based at Saudi Arabia.**

**Client: Litwin Italy.**

Roles & Responsibility:-

* Study & verification of input documents.
* Responsible for Compliance with design, quality, erect ability and functionality of scope of supply and services at optimised solution according to the project and contractual requirements.
* Schedule Monitoring and proactive follow-up on time delivery of material/ documents .
* Modelling of equipments as per vendor data sheet.
* Routing & modelling of piping using **3D module of piping.**
* Extraction of isometrics.
* Preparation of Material Take Off (MTO)
* Review of model for clash, required space for operation & maintenance using **SPR(ver.6.1)**
* Preparation of General Arrangement Drawing.
* Participation in Design & Engineering progress review meetings..

1. **Previous :-**

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| --- | --- |
| **Company** | MULTI ORGANICS LIMITED |
| **Designation** | Jr, Production Officer. |
| **Period** | Feb 2001 to Jan 2003 |
| **Location** | CHANDRAPUR |

Responsibilities:

* Achieving targeted production .
* Supervising various processes & unit operations like sulphonation, distillation

Crystallization, filtration etc.

* Checking process parameters and raw materials.

**Personal Detail:-**

Name : - Sunil Vitthalrao Jathe

Date of birth :- 30 Jan 1979.

Qualification :- B. Tech in Chemical Engineering with first class.

PGD in Piping Technology from VIT Pune with first class.

Marital status : - Married.

Present Address :- B-508, Fusion City, NDA-Road, Kondhawe-Dhawade, Pune-411023.

**IT SKILLS**

Operating System : Windows 2007 & XP

Packages : MS Office

Design Package known : PDS (ver. 8.0 & 11), Smart Plant 3D(SP3D),Smart Plant Review SPR (ver. 6.1),

Smart Plant P&ID, Auto-CAD, LFM, Propipe.