

## SACHIN WARULE

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Qualified professional with Degree in Mechanical Engineering, Experience as a Piping Design Engineer, managing day-to-day operational aspects of projects by effectively applying methodologies that enforce project standards.

SKILL SET	PROFILE SNAPSHOT
Project Management	<ul style="list-style-type: none"><li>Bachelors in Mechanical Engineering with <b>1 year and 6 months</b> of experience in Piping design and 2d - 3D Modelling by using PDMS-12.0 and Auto-CAD.</li><li>Competent in PDMS12.0 coordination, layout, process plant piping, and Clash check &amp; clash resolution.</li><li>Expertise in preparing isometrics for piping, checking detailed support; maintaining and monitoring drawings development. Preparation of MTO.</li><li>Proven capabilities in developing comprehensive understanding of ASME Codes &amp; Standards for piping design engineering.</li><li>Proficient in preparing design calculations and documentation and piping specifications &amp; design details</li><li>Good knowledge of Maintenance of Mechanical equipment.</li></ul>
Piping routing	
Piping Isometrics	
Equipment Modeling	
Nozzle Orientation	
Piping support	
Piping GA Drawings	
Piping Layouts	
Mechanical maintenance	

### WORK EXPERIENCE

**NOVEMBER-16 TO TILL DATE:** Naik and Associates, Surat as a Mechanical Engineer.

#### Key responsibilities: -

- Engaged in equipment modelling & piping routing using PDMS 12.0.
- Created detailed piping design of all equipment associated with rack
- Reviewed & checked nozzle orientation and GA drawings
- Designed, developed & checked Isometrics and MTO
- Supervised CAD operators and motivated them to complete the assigned work within the defined timeline
- Preparation of plot plan, equipment and piping layouts.
- Spend days on site so the good knowledge of project execution as well as knowledge of Mechanical Equipment like pump, compressor, chiller, cooling tower etc.
- Knowledge of billing of piping field as well as quantity analysis. Etc.

#### Key Project Experience:

##### Project 1- Piping Design

**CLIENT** - Anupam Rasayan India ltd, Surat

**Software-** PDMS12.0, Auto-CAD

#### RESPONSIBILITIES:

- Modelling of Equipment, Preparation of Equipment layout.
- Nozzle Orientation on equipment with the help of Fabrication drawing, P&ID
- Modelling piping for different system like process and utility.
- Data Consistency and Clash Checking for System
- Generation & Checking of ISO's through ISO- draft module.
- Generation of GA's as per the Clients requirement using draft module of PDMS.
- Preparation of Piping Layout in PDMS

##### Project 2: -Updating of P&ID'S and layouts

**Client- FIRMENIC AROMATICS INDIA LTD**

**Software- Auto-CAD-2014**

**RESPONSIBILITIES:**

- Updated the As built P&ID's, Plant layout, Equipment layout and Piping layout.

**EDUCATION**

- BE. (Mechanical Engineering) from PREC, Loni, Pune university in 2015 with **distinction**.
- PG diploma in Piping Design Engineer, ASTS. Bangalore, in 2016 with **A++**
- 12th from Pratap College, Amalner, in 2010
- 10th from Sane Guruji High school, Amalner, in 2008

**SOFTWARE SKILLS**

- PDMS 12.0
- AUTO-CAD-2014
- CAESAR-II
- SOLID WORKS
- PRO-E
- HYPERMESH

**PERSONAL DETAILS**

Date of Birth: 13<sup>th</sup> December 1991  
Nationality: Indian  
Languages: English, Hindi, Marathi  
Permeant Address: 34, R.K.Nagar, Amalner, District- Jalgaon(425401),Maharashtra