



# Sandesh Telvekar

## PIPING DESIGN ENGINEER

+917378421171, +917020012661

sandesh.telvekar10@gmail.com

Address: Q12, Kakade park, keshvnager, chichwadgaon, chichwad pune-411033

### WORK EXPERIENCE

4.5 Years

### AGE

27

### PROFESSIONAL SUMMARY:

Exceptionally seasoned and reliable Piping Design Engineer with an excellent record of flawless project completion. Adept at handling projects with complete accuracy and efficiency. Able to function well independently or as part of an engineering team.

### AREA OF EXPERTISES:

Piping Engineering, Layout Engineering, Process Plant Design, Cooling tower package & WTP.

### MAJOR CUSTOMER HANDLED:

Client Pluto-USA Process Plant, KOC, Emami Haldia Refinery, IOCL, BPCL, Uttam Energy Philippine power project.



## Work Experience

**December 2019 – Current**

**Piping Design Engineer.**

**Arya Engineers & Contractors Pvt.Ltd.**

**Pune, Maharashtra.**

- Working As Piping Design Engineer.
- Responsible for freezing Equipment layout, Piping Layout, Support Layout and get approval from Client.
- Responsible for release of engineering's deliverables.
- Preparation/review of detailed plot plan considering aspect of codes & std, Safety of plant, Prevailing wind, Transportations facility & area of plant.
- Preparation & Checking of equipment layout from ITB documents executing all details of safety, codes & STD, process requirements i.e. Gravity Flow, Maintenance aspect, solidification, winterization, no flow philosophy.
- Prepared & maintain internal control list for better project control, to keep man hrs busy on project & to know overall efficiency of project member & Progress of Project.
- Preparation of Deliverable list from scope matrix to ensure time require for project & Planning man hours accordingly.
- Preparation of man hrs planning from existing company standard for smooth & flawless management of project.
- Interactions with modeling team for execute 2D drawings into model.
- Reviewing ITB documents for better understanding of requirements of project.
- Raise temporary query for respective disciplines to tackle Problems in layout.
- Checking, Reviewing IDC documents to incorporate comment in document to ensure errorless documents.
- Coordinated with various departments and with the client about the progress and developments of the projects.
- Communicate & send daily Action plan list & Working plan details of each employee to HOD.
- Maintain Hold & Query list.

**PROJECTS HANDLE:-**

- **19011 - Process Plant for Pluto Client, USA Based Project.**

**August 2017 – December 2019**

**Piping Design Engineer**

**PAL EEPC Pvt.Ltd,**

**Pune, Maharashtra.**

- Worked As Piping Design Engineer.
- Effective use of CODES & STANDARDS of piping design
- Performed pipe wall thickness calculations according to ASME Code B31.3.
- Review and comments on various design input like Pumps, valves, Tanks etc for piping Perspective.
- Review & Checking of the Plot Plan, Equipment Layout, Piping GA, Piping isometrics, piping Supports etc.
- Review of Skid GA drawings, checking & release of piping isometric drawing and pipe support drawings for manufacturing.
- Managed all the activity by proper planning and priorities.
- Try to enhancing the knowledge of employees to make quality work
- Review and checking of instrument hookup drawings.
- Pipe Routing with respect to Corresponding P&ID and Piping Specifications.
- Reviewing of Piping Documents such as Valve, Special items data sheet, Storage Vessel Data Sheet.
- Performed engineering calculations as and where required to verify applicable code requirements.
- Generation of Intermediate and Final Material Take off (MTO) for Fittings, Valves, and Strainers.
- Carried out stress analysis using Caesar-II to find out loads on supports and flexibility of the system.
- Furnishing Civil Loading Data for Civil Design of Pipe Rack.
- Participate during Key project and Plot plan reviews, Constructability review and design/ Model review meetings.
- Incorporating the comments from clients and re-issuing of the documents.
- Coordinated with various departments and with the client about the progress and developments of the projects.
- Got Compliments from the Project Manager for our team in completing Piping Departmental tasks way before the scheduled time.
- Provided technical support to colleagues regarding mechanical design, fabrication, testing or drafting.
- Communicated with customers to meet design requirements for projects.
- Used CAD software to create models and simulations for use by manufacturing team.

**PROJECTS HANDLE:-**

- **P2.ENG.PIP.004- KOC- Water Treatment package, Kuwait.**
- **P2.ENG.PRJ..011-Majanoon-Iraq-Chemical Plant.**
- **P2.ENG.PIP.084- IOCL-Gujarat Cooling Tower**
- **P2.ENG.PRJ.100-VSG Ipower**
- **P2.ENG.PRJ.110-Emami,Haldia**

**May 2016 – April 2017**

**Internship**

**S.P.Engineering Corp.**

**Pune, Maharashtra.**

- Preparation of piping isometric drawings.
- Preparation of MTO.
- Preparation of Support drawings



---

## Professional Qualifications

- Software- Auto CAD, PDMS, CAESAR II, Naviswork, E-Browser
- Positive Attitude towards work.
- Willingness to learn.
- Effective Communication with team members.
- Comprehensive problem solving abilities.



---

## Education

### **B.E. MECHANICAL**

Sanjeevan Collage of Engineering & Technical Institute

Dist- Kolhapur.

Shivaji University. (India).

### **DME**

Y.D.Mane Institute of Technology

MSBTE

### **SSC**

R.K.Walawalkar Prashala

Dist- Kolhapur

Maharashtra Board (SSC)

Graduated, July 2016

Marks 71.31%

First Class With Distinction

Graduated, June 2013

Marks 72.30%

FIRST Class

Graduated, June 2010

Marks 85.27%

First Class With Distinction



---

## Personal Details

Father's Name: Mr. Sadashiv Telvekar

Birthday: 09 October 1994

Gender: Male

Marital Status: Unmarried

Nationality: Indian

## Declaration

I, Sandesh Telvekar, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

---

Sandesh Telvekar

Pune. Maharashtra.