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I am an experienced professional with excellent engineering skills having 4.3+ years of experience in field of Piping & Plant Design Engineering. I am a good team player with leadership qualities which helps me in managing activities for successful completion of projects.

Areas of Expertise

- Oil & Gas
- Chemical
- Petrochemical

Technical Skills

- SP3D
- E3D
- PDMS
- NEVISWORKS
- CADWORX

Codes and Standards

- ASME
- ASTM
- BRITISH STANDARD
- INDIAN STANDARD

Experience (Ongoing)**Senior Piping Engineer with Inclined Engineering & Consultancy, Pune from Dec 2022 to till date**

Working as Senior Piping Engineer and the responsibilities included:

- Developed critical and non-critical piping arrangement based on P&ID, piping design standards and criteria considering economy, safety and ease of operation and maintenance.
- Co-ordination with other disciplines like Process, Civil, Structural, Electrical & Instrumentation
- Planning and executing 3D model activities
- Prepared Equipment nozzle orientation as per Equipment taking into consideration, Process, Operations and maintenance requirement.
- Preparation and checking of technical specification for piping items like pipes, fittings, valves, and special items like strainers, steam traps etc.
- Preparation of Piping BOQs, Piping Support BOQs, Insulation BOQs etc
- Pipe supports for critical and non-critical and slope lines.
- Checking of vendor drawings for the static and rotary equipment for the piping requirements
- Piping study
- Modelling of Cable trays as per cable tray layout.
- Checking IFC Isometrics and Piping GA.
- Checking of Equipment, Piping, Structure, Cable trays, Pipe supports, Package Items etc

Professional Experience**Spheres Including Dyke and Facilities Within Dyke (Package-7 Part C) for Rajasthan Refinery Project****Owner: HPCL Rajasthan Refinery Limited****Pmc: ENGINEERS INDIA LIMITED****EPS :SHARP TANKS & STRUCTURALS (P) LIMITED****Responsibility:** Senior Piping Engineer

- Co-ordination with client for project requirements with EIL.
- Carryout 30/60/90% Model reviews in EIL office.
- Planning of 3D model activities as per EIL schedule.
- Checking & Updating of Equipment layout as per OISD,PSEO & EIL Standard Specification.
- Preparation of Key Plan as per Layout.
- Stress analysis of process lines as per design basis.
- Preparation of piping BOQ's, Structural BOQ, Insulation BOQ etc
- Co-ordination with other disciplines
- Checking isometrics drawings.
- To interact with other discipline like Electrical, Instrumentation and Civil, Mechanical for interface issues.

VENT RECOVERY COMPRESSOR PACKAGE**Owner: HPCL Rajasthan Refinery Limited****Pmc: ENGINEERS INDIA LIMITED****EPS : MEGHA ENGINEERING INFRASTR LTD (MEIL)****Responsibility:** Senior Piping Engineer

- Carryout 30/60/90% Model reviews in EIL office.
- Planning of 3D model activities as per EIL schedule.
- Preparation and checking of technical specification for piping items like pipes, fittings, valves, and special items like strainers, steam traps etc.

Piping Design Engineer with Triplan India Pvt.Ltd, Pune from October 2021 to December 2022.

- **Project : Alkyl-Die-Ethyl Ketone (DEK)**
- **Client:Alkyl Amine Chemicals Pvt Ltd,Kurkumbh**

Design tool: PDMS**Responsibility:** Piping Design Engineer

- Study & pipe routing in PDMS as per P&ID.
- Prepared Equip. layout based on conceptual layout & client comments.
- Experience in reviewing of Vendor Drawings.
- Prepared Nozzle orientation of Columns, Tanks & Vessels.
- Prepared Equipment Layout for MIDC Approval
- Prepared IBR Approval Isometric Drawings.
- Knowledge of Pipe rack Load, Width & Tier to Tier Height Calculation. Pipe supporting & Extracting MTO for both Primary & Secondary supports.
- Conduction of 3D model review with client & co-ordination with other departments & resolution of comments.
- Preparing & extraction of MTO of Pipe & fittings, Valve & Special Items,Piping Insulation & Painting.
- Knowledge of Piping Material Specification & Valve specification.
- Knowledge of Dyke wall calculation.

- Knowledge of ASME B31.3 & related codes & standards.
- Clash Detection identification with Navisworks Manage.
- Experience of checking all piping deliverables.
- Checking & Preparing Civil information drawings as per requirement.
- Modeling of piping supports from vessel cleat.
- Extracting Piping GAD & Piping Isometrics.

Junior Piping Design Engineer with Chempipes Engineering Solution, Pune from August 2019 to October 2021.

- **Key Project Experience**
- **Go Green Bio-Energy Pvt.Ltd.-(Biodiesel 30 TPD)**
- **Client: Go Green Bio Energy india pvt.ltd**
- Design tool: 3D PDMS
- **Responsibility:** Junior Design Engineer
- Equipment modeling in PDMS as per Drawing.
- Piping 3D modeling in PDMS as per P&ID.
- Primary Secondary Support Modelling as per Requirement.
- MTO Extraction.
- Preparing Equipment layout.
- Closing model review tags commented by client.
- Inter Discipline Checking of documents.
- Prepared Nozzle orientation of, Vessels,Tanks.
- Support modeling as per Pipe Support standards.
- Taking off bulk MTO, Final MTO for Pipe & fittings.
- Prepared Piping GA drawings & Iso extraction.

Education & Credentials

- Bachelor of Engineering: Mechanical (1st Class): Savitribai Phule Pune University
- Higher Secondary Certificate (HSC) : Dadapatil Rajale College Adinathnagar.
- Secondary School Certificate (SSC) : New English School Padali

Declaration:

I hereby declare that all the above particulars are true to the best of my knowledge.

Place: Pune

Date: / /2022