

SHAHNAWAZ YAMAKANMARDI

B. E. Mechanical,

Piping Engineer

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Career Objective

To be a key functionary in Piping Engineering in leading organization and apply my skills for adding value to organization I work for.

Career Summary

- **Piping Engineer** with sound experience in design and detail engineering of piping in **chemical & petrochemical plants.**
- Total **14 years of experience** in the piping industry, 13.5 years experience in **preparation of plot plans, equipment layout, piping layouts, Isometric, Supports, MTO, Pipe specification, coordination with internal and external stake holder** of various Petrochemical & chemical plants.
- Some of my key strengths are my **dedication** to work, ability to **implement projects on time** and my **technical knowledge.**
- Besides this I am also proficient in **PDMS 3D Piping, structure & support Modeling.**

Design Skill

- Ability to understand Plot plan, P&ID and client information.
- Ability to review and insure adhere to project specifications, design instructions as per project.
- Relevant knowledge of codes & standards use for piping.
- Proficient in PDMS for 3D piping and support modeling, Isometric generation, MTO extraction, layout extraction.
- Ability to generate piping and support layout, Isometric, Nozzle orientation & MTO using manually.
- Ability to check piping layout, Isometric & MTO.
- Efficiently check piping model and its interface with Equipment, Structure and Instruments using NAVISWORKS software.

Software Skills

- **Proficient in PDMS used for 3D modeling and NAVISWORKS used for 3D**
- **Model review.**
- **MS - Office. (Word, Excel, Power Point)**
- **Basic knowledge of Auto CAD**

Educational Profile

- B. E. in Mechanical Engineering in year May 2006, from shivaji university ,Kolhapur
- Certificate Course in Piping Engineering in from Suvidiya Institute of Technology, Mumbai

Work Experience-

Current company: ThyssenKrupp Industrial Solutions (India) Pvt. Ltd

Period	Designation for the project	Project worked on	Brief Nature of Work Handled
Apr 2019 to till date	Area Engineer	NCIC	<p>Area engineer for NCIC</p> <ul style="list-style-type: none"> ➤ Layout study & finalization, finalization of piping routing. ➤ Checking & issue of isometric (P&ID check, line routing, Support check, special requirement etc.) ➤ Preparation & checking of civil loading data(structure & pipe rack), foundation load data ➤ Checking of equipment GA drawings. ➤ Reviewing of routed line with process and instrument dept for their requirement and clearance on review reality.
Oct 2018 to Mar 2019	Support Engineer	IOCL C2C3	<p>Support engineer for IOCL C2C3</p> <ul style="list-style-type: none"> ➤ Preparation of equipment layout, fixing nozzle orientation. ➤ 3D modeling of Equipment's, piping routing, support ➤ Responsible for checking & issuing layouts, isometrics,supports,MTO
Apr 2018 to Sep 2018	Support Engineer	BPCL CCR KOCHI	<p>Support engineer for BPCL CCR KOCHI</p> <ul style="list-style-type: none"> ➤ Model review with client as per requirement ➤ Module wise construction & erection philosophy preparation ➤ Piping study of CCR reactor, regeneration tower, heaters, catalyst lines ➤ Removal & maintenance study of equipment
Sep 2017 to Mar 2018	Support Engineer	BRUGAL	<p>Support engineer for Brugal</p> <ul style="list-style-type: none"> ➤ Line routing finalization for columns, exchanger, tank farm, vessel, reactor. major equipment's in plant ➤ Nozzle Orientation, Pipe Support & Platform clip Orientation of Equipment's.
Dec 2016 to Aug 2017	Area Engineer	IOCL VGO	<p>Area engineer for IOCL VGO.</p> <ul style="list-style-type: none"> ➤ approx. 350 lines .Revamp & critical project Modification in the existing plant with replacement of equipment & piping. ➤ Reviewing of routed line with process and instrument dept for their requirement and clearance on review reality ➤ Bulk Material Take off (M.T.O.) According to P&ID.

Dec 2015 to Nov 2016	Area engineer	PVFcco (petrovietnam Fertilizer)	<p>Area engineer for process building (dry area), raw material storage area, banging storage area of DAP/NPK plant.</p> <ul style="list-style-type: none"> ➤ Layout study & finalization, finalization of piping routing. ➤ Checking & issue of isometric (P&ID check, line routing , Support check, special requirement etc.) ➤ Preparation & checking of civil loading data(structure & pipe rack), foundation load data ➤ Preparation of TQs/comments on the vendor documents ➤ Constructability study for all major equipment, duct & chute ➤ Checking & reviewing material handling equipment ➤ Co-ordination with duct & chute vendor for fabrication, drawing preparation and approval cycle. ➤ Model review, FDR & audit closure report. ➤ Evaluated all technical drawings submitted by vendor and fabricator .
Oct 2015 to Nov 2015	Hit Team Checker	Deepak Fertilizer	<p>Hit Team checking for Deepak fertilizer plant.</p> <ul style="list-style-type: none"> ➤ Hit team checking for process critical lines. ➤ Hit team checking for jacketed lines. ➤ Reviewing for major duct & chute.
Jan 2015 to Sep 2015	Support engineer	ETIBAKIR (fertilizer)	<p>Supported the Area engineer for process (dry & wet area) Of DAP/NPK plant.</p> <ul style="list-style-type: none"> ➤ Civil information drawing checking. ➤ Isometric, duct & chute fabrication drawing checking. ➤ Unit plot plan, special support drawing checking. ➤ Material handling equipment vendor drawing reviewing. ➤ Model review comment updation. ➤ Jacketed piping routing.
Jul 2012 to Nov 2013	Area+ Support engineer	SIPCHEM, PBT	<p>Area engineer for THF recovery & THF storage Area, Support engineer for main process building, raw material & bagging Area .</p> <ul style="list-style-type: none"> ➤ Line routing finalization for columns, exchanger, tank farm, vessel, reactor. major equipments in plant ➤ Reviewing of routed line with process and instrument dept for their requirement and clearance on review reality ➤ Equipment Vendor drawing reviewing & commenting based on issued nozzle orientation. ➤ Escape, Access & maintenance way route finalization. ➤ Preparation of pipe Line list, piping and valve MTO ➤ Released Isometric, Piping G A drwg, Equipment Layouts, Within Time with Quality ➤ Tie in point dossier preparation & execution on site. ➤ Material handling equipment & bagging package vendor drawing reviewing & commenting ➤ Erection & maintenance study for all major equipments.

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Jan 2010 to Dec 2011	Support + Design Engineer	BPCL CCR	<p>Worked as an design engineer in CCR Area & Support engineer in NHT Area section.</p> <ul style="list-style-type: none"> ➤ Routing of Pipelines in as per P&ID, supporting, Operation & Plant Excess. ➤ Bulk Material Take off (M.T.O.) According to P&ID in PIBA ➤ Preparation of Equipment Layout drawing in Pdms. ➤ Preparation of Piping plot Plan. ➤ Fire fighting piping.
Feb 2009 to Dec 2009	Design Engineer	DAP/MAP Morroco.	<p>Worked as an design engineer</p> <ul style="list-style-type: none"> ➤ Checking clash and consistency of routed lines. ➤ Nozzle Orientation, Pipe Support & Platform clip Orientation of Equipments. ➤ Escape way , access way modeling.
Aug 2007 to Jan 2009	Design Engineer	SORFERT. Algeria	<p>Worked as an design engineer</p> <ul style="list-style-type: none"> ➤ Equipment Modeling in PDMS. ➤ Preparation of General Arrangement Drawings in Draft module. ➤ Preparation of Equipment Layout in PDMS Draft Module. ➤ Preparation of unit plot Plan. ➤ Nozzle Orientation, Pipe Support & Platform clip Orientation of Equipments ➤ Routing of small bore utility lines.. ➤ Generating clash and consistency report for routed lines. ➤ Modeling of vendor package units.

On Site Experience:

Period	Designation for the project	Project worked on	Brief Nature of Work Handled
Jan 2012 to Jun 2012	Design Engineer	NMPP (South Africa)	Deputed on NMPP (South Africa) office. <ul style="list-style-type: none">➤ Fixing Nozzle Orientation of Equipments➤ Providing information of Equipment Foundation, Platforms & Structure to civil dept➤ Supporting as per stress requirement.➤ Giving piping point loads on concrete and steel structure.
Dec 2013 to Dec 2014	Site Support engineer	SIPCHEM, PBT	Deputed on SIPCHEM PBT, Al-jubail Saudi Arabia Site. <ul style="list-style-type: none">➤ Inspected process and documented all piping work.➤ Coordinated with contractor and prepare schedule for project.➤ Answered all queries by contractors and other dept.➤ Monitored all piping installation and modification work carried in facility.➤ Prepared progress reports for project and mentioned All modification work.➤ Determined test packs for process and ensured its Compliance with piping flow diagrams.➤ Preparation of AS BUILT drawings.➤ Coordinating for carrying out mechanical clearance➤ Conducting hydro and pneumatic tests➤ Coordinating to complete post lunch list prior to sign Off test package before signing the completion of Piping/mechanical

Date-

(Shahnawaz Yamakanmardi)