

CURRICULUM VITAE

Ajay Sudhir Marathe

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CAREER OBJECTIVE

To associate with an organization which progresses dynamically and gives me opportunity to update knowledge and enhance my skills in the field of Design Engineering and be a part of the team that excels in work towards the growth of the organization and gives me personal and professional satisfaction.

KEY SKILLS

- Able to work with the minimum of supervision and technically strong.
- Possess management skills and the ability to deliver projects.
- Maintain a strong work ethic and understand team dynamics and adjust behaviour to gain maximum advantage.
- Coordination with other discipline and maintain proper information flow to meet schedule.
- Provide clear directions on targets, communicate concisely and develop the piping team on projects.
- Documentation of various activities for quality control audit.
- Handling inter discipline and Client Review meetings.

TECHNICAL SKILLS

- With overall 25 years of experience, 17+ in the Design of Piping and Plants in the Oil & Gas, Chemicals sectors.
- The areas of proficiency include –
 - Experience in developing **Piping & Equipment layouts**.
 - Pipe routing of all major **process and utility piping** in accordance with P&IDs and project standards, including specific service conditions and impact on piping design.
 - Preparing **Battery Limit Interface Tables** and finalizing the **Interface connection Philosophy**.
 - Experience in preparation of **Piping Bulk MTO, Valve MTO and SM Item List** at different stages of the Project.
 - Preparation and checking of **Engineering Design Deliverables** like **Piping Isometrics, Layouts, Pipe Support & Special Pipe Support**, etc.
 - Experience in generating inputs to other disciplines like **Civil Information, Nozzle Orientation**.
 - Designing and selecting **pipe Supports and Special Pipe Supports**.
 - Experience in resolving the technical queries from **Field and the interface issues with client**.

PROFESSIONAL EXPERIENCE

TechnipFMC India Ltd. Mumbai: May 2019 to till date.

Working as Sr. Piping Engineer.

Project Name:

- 1) **BPCL, Mumbai- Revamp (LOBS & HCU Units) with new DAS Unit/ DAS Storage Tanks.**
- 2) **ExxonMobil Beaumont Refinery, Texas**
- 3) **UPM-Eos Project, France**

Duties and Responsibilities:

- Prepare Plot-plan in Existing facility along with new DAS unit as per Indian statutory norms.
- Prepare Plot-plan for new DAS storage tanks unit as per Indian statutory norms.
- Prepare layouts as per applicable Codes & std as per Indian statutory norms.
- Provide design inputs to piping team by coordinating with other disciplines.
- Coordination with BPCL to resolve Technical Queries and Engineering Information.
- Coordination with Client to finalize Interface Agreements.
- Piping Isometric and Layout Checking.
- Preparation of Piping MTO.
- Preparation of PDPS (Price distribution & price schedule) along with Inch-dia & Inch-meter.

Hypro Engineers Pvt. Ltd. Pune: Dec 2018 to March 2019

Projects in Beverages and CO2 Recovery Plants

Worked as Manager Piping.

Marine Microdata Pvt Ltd. Navi Mumbai: May 2018 to Nov 2018.

Worked as Freelancer Consultant

Project Name:

- 4) **CWC, Petro Peru, TALARA**
- 5) **Biogas Treatment Plant, CAR, Colombia.**

Duties and Responsibilities:

- Prepare Study layouts as input for 3D modelling.
- Provide design inputs to piping team by coordinating with other disciplines.
- Coordination with Lead office to resolve Technical Queries and Engineering Information.
- Coordination with Client to finalize Interface Agreements.
- Piping Isometric and Layout Checking.

Toyo Engineering India Pvt. Ltd. Mumbai: Dec 2010 to Sept 2017.

Project Name:

1) PRETRONAS RAPID., Malaysia

Steam Cracker Complex.

2) BASF CATALYST INDIA PVT. LTD., CHENNAI

Automotive Catalyst

3) MRPL – PHASE –III REFINERY PROJECT

Delayed Coker Unit 334, Balance of Plant (Field Activity)

4) EL Palito Refinery Expansion Project (PDVSA)

Diesel Hydro Treatment

5) DIESEL HYDRO TREATMENT PROJECT, HPCL VIZAG.

6) DELAYED COKER UNIT, PARADIP REFINERY PROJECT, ORISSA

Duties and Responsibilities:

- Responsible for assigned work, in accordance with applicable standards and PDI procedures, and within the man-hour budgets/schedule targets.
- Piping study of critical lines to fix the equipment locations and associated structures /items from specific process, operating, maintenance and construction criteria / considerations.
- Preparation and checking of equipment nozzle and platform orientation drawings and pipe support clear data of equipment.
- Monitor piping material take offs (MTO) activities and provide necessary details for further procurement activities.
- Vendor drawing review: All piping items as well as other discipline vendor drawings
- Checking of piping Isometrics, piping GADs and stress sketches.
- Prepare and issue engineering drawings and technical documents for Inter-disciplinary design checks (IDCs). Review and integrate comments and inputs of other engineering discipline into the relevant documents.
- Preparation of Line routine diagram/Distribution for design of Pipe rack.
- Mark up on Process and Utility P&IDs based on study diagram.

- Preparation of Civil Information drawings for pipe rack.
- Preparation for Cryogenic Services Piping.
- Inter disciplinary Co-Ordination with other departments for project.

Neil soft Ltd. Pune: February 2010 to Nov 2010.

**Project Name: SOUTH SPECIFIC VISCOUS, INDONESIA
LINE 4 PLANTS**

Duties and Responsibilities:

- Piping Design Engineer.
- Piping **Isometric and Layout Checking** for **IFC Stage**.
- Provide Pipe Support sketches and Spring support Assembly sketches to model in **CADISON**.
- Assist site Team during construction on field to resolve issues at the place.
- Co-ordinate with Site Team and Design office to resolve the site queries which need inputs from Design Office.

Hindustan Dorr oliver Ltd India: August 2009 to January 2010.

Project Name: URANIUM CORPORATION OF INDIA LTD.

Duties and Responsibilities:

- Piping Engineer.
- Pipe routing and Prepare piping layout in AutoCAD.
- Prepare Piping Isometrics for Stress analysis.
- Marking of support tags using support standard as per stress Isometrics.

Golla Engineering Pvt. Ltd. India: April 2006 to Aug 2009.

Project Name: PCU, NCU & LP FLARE SYTEMS, IOCL Panipat, India

Duties and Responsibilities:

- Area Engineer.
- Pipe routing and Prepare piping layout in AutoCAD.
- Prepare Piping Isometrics for Stress analysis.
- Marking of support tags using support standard as per stress Isometrics.
- Design of Special Pipe Supports and prepare detail drawings with MTO.

Project Name: CDU/VDU UNITS, HPCL Mumbai, India

Duties and Responsibilities:

- Area Engineer.
- Study and develop new equipment Layout for newly introduced & replaced Equipments.
- Prepare construction work packages for new and demolition lines.
- Perform Site survey to verify as built drawings for demolition lines.
- Prepare piping Layout for new lines and check feasibility at site.

Project Name: ISOMERISATION UNIT – Essar Oil Ltd, GUJARAT.

Duties and Responsibilities:

- Develop and prepare optimized plant layouts (plot plan) through the conceptual study and FEED phases of projects using sound documented reasoning and innovative techniques.
- Preparation and checking of plot plan & equipment layout with innovative techniques and work practices to ensure cost effective design.
- Responsible for the execution of assigned work, in accordance with applicable standards and PDI procedures, and within the man-hour budgets/schedule targets.
- Piping study of critical lines to fix the equipment locations and associated structures /items from specific process, operating, maintenance and construction criteria / considerations.
- Preparation and checking of equipment nozzle and platform orientation drawings and pipe support cleat data of equipment.

Octaspace Consultech, Pune: Aug 2003 to March 2006.

Project Name:

- 1) **CADBURY INDIA LTD. BAADI HIMACHAL PRADESH**
- 2) **LOKMANGAL AGRO CHEMICALS LTD.**
- 3) **PRAJ INDUSTRY LTD.**

BEE-AM CHEMICALS LTD. Raigad. Aug 1999 to June 2003.

A Petro-Chemical Unit manufacturing various Grades Industrial solvents by distillation of Naphtha. Involved in Process revamp and engineering modifications.

QUEST ORGANICS PVT. LTD., Kurkumbh. Nov 1994 to July 1999.

A Drug Intermediate Unit Manufacturing Drugs by Various Organic reactions

Involved in Process revamp and Engineering modifications.

COMPUTER KNOWLEDGE

- Working knowledge of software like AutoCAD, PDMS, SP-3D, Navisworks and SPR.
- Proficient with the use of Microsoft Word, Excel.

EDUCATIONAL QUALIFICATION; B.E. Petrochemical from M.I.T. Pune University

PERSONAL DETAILS

Date of Birth : December 11, 1971.
Marital status : Married
Nationality : Indian
Present Address : Room No.2, Sunanda Niwas, Juwekar Road,
Bhandup (E), Mumbai-400042

Permanent Address : D-103, Binawat Majestic,
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Languages Known : English, Hindi and Marathi.

Date :

Place: Mumbai

Ajay Sudhir Marathe