

Amol Tarachand Mohite

Decision Taking, Team Player, Punctual & Regular
B.E. Mechanical

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EXPERIENCE

Vinay Industries, Ambernath Thane— Jr. Mechanical Design Engineer

December 2019 – September 2021

- Design of Pressure Vessels, Draw AutoCAD GA drawing, Draw P&ID & Prepare the Bill of Material.
- Design of Activated Carbon Filter & Pressurized Sand Filter section with piping layout in AutoCAD.
- Design of 30 KLD Sewage Treatment Plant layout & Section in AutoCAD.
- In my supervision we fabricated 3.5 m³ and 1.5 m³ RO plants.
- Aware & guide the operators or workers about the fabrication techniques. Inspection of Welding Defects. & Maintain day to day Production activity reports.

Singhsong Refrigeration, Mumbai - Design Engineer

October 2021 - PRESENT

- Design and Drafting of Piping layout and piping routing for Chilling Plant, Cube and Flake Ice Plant in Solid works and AutoCAD.
- Prepare P&ID Chilling plant, Flake Ice Plant and Bill of Material for purchasing Valves and other instruments.
- Make Fabrication Drawing of Chilling & Flake Ice Plant Equipment Ex. Shell and Tube Heat Exchanger, Receiver, Accumulator, Plant Piping, Oil Separator.
- Preparation of piping MTOs From P&ID, Nozzle Orientation.
- Preparation and update piping MTOs at intermediates and final stage from model also checking and review piping plans and sections.
- Piping supporting, Primary and Secondary support schedule & BOQ.
- Completed Project:
 - **240 TPD Flake ICE Plant** (P&ID, Equipment Design & Plant Layout GA Drawing, BOM, Fabrication Work & Hydro Testing)
 - **60 TR Chilling Plant** (P&ID, Equipment Design & Plant Layout GA Drawing, BOM, Fabrication Work & Hydro Testing)
 - **80 TR Ultra Low Charge Chilling Plant** (P&ID, Equipment Design & Plant Layout GA Drawing, BOM, Fabrication Work & Hydro Testing)
 - **20 TPD Flake Ice Plant** (P&ID, Equipment Design & Plant Foundation GA Drawing, BOM, Fabrication Work & Hydro Testing)
 - **Centralized Ammonia Chilling System** Its Trunk Project (P&ID, Equipment & Plant Layout GA Drawing, BOM, Purchase Material as Per Bill of Material, Lead Production team in entire project, Equipment Erection and Installation All Piping & Fabrication Work on site, Pneumatic Testing Entire Plant, Charge Ammonia gas and commissioning Successfully, Handover Plant Successfully to client)
 - **10 TPD Containerized Flake Ice Plant** (P&ID, Equipment & Plant Layout, GA Drawing, BOM, Fabrication Work & Hydro Testing)

EDUCATION

Alamuri Ratnamala Institute of Engineering and Technology, Thane —
B.E. in Mechanical Engineering

August 2016 – July 2019, Marks secured: 7.10 CGPA

Balasaheb Mhatre Polytechnic, Thane — Diploma in Mechanical Engineering

August 2012 – June 2016, Marks secured: 64.76%

Wamanrao Muranjan Madhyamik Vidyalaya, Mulund Mumbai

March 2012, Marks secured: 70.18%

Certification

- AutoCAD 2D & 3D
- Solid works
- Creo 2.0
- Well versed with MS Office (such as Word, Excel, Power Point)

Internship & Training Program

Internship at Diesel Loco Shed (Kalyan Railway Shed).

Inspection & Testing of Welds from Advanced Training Institute (Chunabhatti Mumbai).

Advanced Maintenance of Machine Tools from Advanced Training Institute (Chunabhatti Mumbai).

Servicing & Maintenance of Vehicle Control System from National Skill Trainer's Institute, Mumbai.

Godrej fabrication Welding Course from Godrej & Boyce Mfg. Co. Ltd Vikhroli Mumbai,

LANGUAGES

English

Hindi

Marathi

Work on Standards

ASME Section VIII Div. 1

ASME B31.5

TEMA