

CURRICULUM VITAE

Viraj Vasant Mali.

B.Tech. Civil Engineering, Sandip University, Nashik.

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Address: Kalyan (W), Mumbai – 421301

OBJECTIVE

To use knowledge, skill and logical thinking to contribute towards company's growth which will help to improve my technical skills too.

EDUCATION

Qualification	Institute	Board/University	Year	%/ CGPA
B.Tech	Sandip University, Nashik.	Sandip University	2020	6.63
Diploma	Agnel Polytechnic, Navi Mumbai	MSBTE	2017	64%
S.S.C	G.E.I. High school, Kalyan	Maharashtra State Board	2013	81.80%

INTERNSHIP

CNSES GLOBAL, Mumbai

“Analysis & Design of Access/Maintenance steel platform of refinery plant and G+10 R.C.C. Building Design as per IS Codes”
(5th June '19- 20th July '19)

Software: Staad Pro., AutoCAD.

Technical Skills: Application of IS Codes

Project Responsibilities:

- Worked at Refinery plant as Trainee Structural Engineer. Learned Steel platform analysis and design.
- Design was developed according to
IS Codes: IS 800:2007, IS 875 Part 3: 2015, IS 1893 Part 4: 2015, IS 456: 2000, IS 1893 Part 1: 2016

TECHNICAL SKILLS

Scope of Work:

Analysis & Design of – Oil & Gas Process Piperack.

Industrial Steel Platform.

G+10 R.C.C Irregular & Non-Orthogonal Building.

Good hands on Design codes & standards

PIP (Process Industry Piperack) STC01015 – Structural Design Criteria

IS 456: 2000 – Plain & Reinforced Concrete

IS 800: 2007 – General Construction in Steel

IS 875: 1987 (Part 1) – Design Loads for Dead Load

IS 875: 1987 (Part 2) – Design Loads for Imposed Load

IS 875: 2015 (Part 3) – Design Loads for Wind

IS 1893: 2016 (Part 1) – Design Loads for Earthquake (General Building)

IS 1893: 2015 (Part 4) - Design Loads for Earthquake (Industrial Structures Including Stack)

SOFTWARE SKILLS

- Staad Pro., Auto CAD

PROJECTS / ACTIVITIES

“Investigation of Innovative Bracing System for Steel Frame Structure Subjected to Horizontal Loads”

Project Description:

- Oil refineries are typically large, sprawling industrial complexes with extensive piping running throughout, carrying streams of fluids between large chemical processing units, such as distillation columns.
- Being a very expensive and heavy structure because of lots of heavy load, it has to be more stable and should be designed for lateral forces. The bracing system can effectively resist lateral forces.
- The objective of the project is to investigate the best bracing system for Oil & Gas Process Piperack. To reduce the cost of structure by reducing the tonnage of structure. To reduce the effect of horizontal loads on structure.

PERSONAL INFORMATION

- Date of birth 14-10-1997
- Blood group A+
- Sex Male
- Marital status Single
- Nationality Indian
- Passport Available
- Permanent address Flat No. 302, F-5, Neelkanth Dhara, Nr. Phadke Ground, Lal Chowki, Kalyan-421301
- Languages known English, Hindi, Marathi

HOBBIES

- Travelling to different places, Writing the stories, Learning new things.

DECLARATION

I hereby declare that above information furnished by me is true to best of my knowledge.

Date:

Places:

Viraj Vasant Mali