

VIVEK V. GAWALI
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Male, Married, 33 Years, Mumbai, India

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Date of Expiry 17/03/2023

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Experience (8 Years)

Career Summary -

An academically accomplished Design Engineer with around 7 years of experience in Designing of Oil and Gas, refinery, Chemical and Pharmaceutical plants.

Skills Summary -

- ✓ Worked in petrochemicals, oil and gas, pharmaceuticals, chemical and hydrocarbons projects.
- ✓ Basic and Detail engineering activities - Pipe-racks, pipe bridges, technological structures, ducts supporting structures, stack, ware house, substation, recovery plant, pump & fan foundation etc.
- ✓ Technical standards - AISC, ACI, BS, BIS codes
- ✓ Software skills - STAAD PRO, MAT3D, SAP, ANSYS, STAAD Foundation

Jacobs Engineering (I) Pvt. Ltd. (Navi Mumbai)

Feb '11 - Till Date

Jacobs is a global provider of technical, professional, and scientific services, including engineering, architecture, construction, operations and maintenance in petrochemicals, oil and gas, pharmaceuticals, chemical and hydrocarbons industry.

Responsibilities

- ✓ Design and preparation of drawing for civil / structural work assigned.
- ✓ Preparation of tender documents, cost estimation and MTO
- ✓ Preparation and evaluation of alternatives to determine least cost options
- ✓ Assistance to discipline head
- ✓ Production of high quality deliverables to agreed schedules, adhering to requirement of quality policy and core values
- ✓ Development and growth of people
- ✓ Providing higher value and lower cost to the client
- ✓ Improve productivity and quality
- ✓ Timely completion of all design, drawings, specs. Etc.
- ✓ Carry out VDR and TBA
- ✓ Provide technical assistance to other design groups

Key Project handled: -

IOCL Paradip, Orissa:- (BIS Codes)

- ✓ CRWS System, Electrical and Instrument Trenches, Strom water system, CRWS Lift Stations, satellite rack room building and detailed engineering.

BIOCON Pharma, Malaysia:- (BS Codes)

- ✓ Substation, Guard House, Warehouse, Solvent recovery plant, Drum storage building, Utility Building, drug Substance building, Strom water system, Tank farm foundations and pile layouts.

OCP Downstream, Morocco:- (AISC & ACI Codes)

- ✓ Pipe Racks, Pipe Bridges, Platforms and Duct Supports miscellaneous structures etc.

OCP DAP Dedusting, Morocco:- (AISC & ACI Codes)

- ✓ Stack supporting structure, pumps foundations, Fan foundations, existing roof extension, Platforms and Duct Supports, Equipment supporting platforms, TBA etc.

RIL, Jamnagar J3:- (BIS Codes)

- ✓ Fuel gas plant, technological structures, sub stations, gate house, weight bridge, Tank and sphere foundations, pump foundations, MTO's, pipe rack, pipe bridges, trestles, platforms, sleepers, pipe supports, UG services like sanitary, PSTP, duct banks, dyke walls, sumps & pits, paving's, standards drawings for UG services, schematic drawings etc.

Pemex Feed Salamanca, Guanajuato:- (AISC & ACI Codes)

- ✓ Pipe rack, pumps, columns & vessel foundations and equipment supporting platforms etc.

OCP SAP - Energy, Morocco:- (AISC & ACI Codes)

- ✓ Foundations for convertor, hot and cold IP, stack, compressor foundation, equipment platforms, equipment foundations, pump foundations, duct supports, pipe racks and bridges and respective BBS.

Nirmiti Constructions Duration: 1 Year

(From June 2007 to June 2008)

Kopergaon

I worked as a Site Engineer at Nirmiti Constructions which is an authorized organization of Government of Maharashtra for construction works for PWD and Irrigation Projects in Maharashtra state.

Responsibilities:-

- ✓ Preparation and Checking of Bill of Quantities as per drawings
- ✓ Analysis of cost information.
- ✓ Checking and certification of RA bills as per work done.
- ✓ Estimate of cement, reinforcement steel, structural steel, aggregate, sand, admixtures required
- ✓ Ensure that the project is well planned.
- ✓ Preparation of reports, as per progress of work.
- ✓ Analyzing the progress of the work in both quality and quantity wise
- ✓ Checking quality of work as per IS norms.

Training and Thesis

CLIENT: National Highway Authority of India

Contractor: Oriental Construction (I) Ltd.

Consultant: M. N. National Institute of Technology Allahabad.

- ✓ Carried out Bridge Loading Test on Delhi Kolkata national highway No. 2, Near Allahabad (Handia). The bridge is 1.4 km length and 3 span continuous voided slabs Bridge. The bridge was fail due to improper compaction at the time of casting, the retrofitting was done by injecting epoxy resin. For that the bridge were required to check for Design loads to open for the traffic.

M-Tech and BE Thesis

Capacity Enlargement of Water Tank: An Approach

- ✓ Description: In this, I have analysed annular foundation of water tank of 1500 cum capacity for deciding the safe position of additional ground water tank in between the ESR columns. In different soils and different depths without strengthening the existing foundation by using ANSYS.

Realignment and Design of Bridge on SH 10

- ✓ Description: It includes realignment of serpentine curve, probable maximum flood on river AGASTI and design of deck slab.

Education

Master of Technology in Structures, 2010, MN NIT Allahabad.

- ✓ Percentage (CPI) - 7.4

Bachelor of Engineering (Civil), 2007, SRES COE, University of Pune, Maharashtra.

- ✓ Percentage - 70.531 %

Diploma in Civil Engineering, 2004, MSBTE KBP Polytechnic Kopergaon, Maharashtra.

- ✓ Final Year Diploma - 72.62 %
- ✓ 1st prize winner in Diploma Level Project

Hobbies

- ✓ Cricket, Listening Music, watching news and Reading

Declaration:

I consider myself familiar with Civil Engineering Aspects. I am also confident of my ability to work in a team.

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

Date: -

Place: Mumbai

VIVEK VISHWAMBHAR GAWALI