

ARUN NIKAM

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Education

Course	Specialization	Institute	Percentage
BE	Mechanical	Bharati Vidyapeeth C.O.E (Mumbai)	65
12th	Science	M.D.College (Mumbai)	72.17
10th	Marathi	Dr.D.B.Kulkarni Vidyalaya (Mumbai)	81.46

Career Objectives:

Hands on experience in providing support to projects engineering staff in designing and analyzing static mechanical equipment. Seeking an opportunity to work as a static equipment engineer in a prestigious organization.

Experience Details

Total Experience: 12 years

Over 12 years of experience as static equipment engineer in conceptual and detailed design, FEED, Engineering & Procurement of various equipments such as unfired pressure vessel, columns, Heat exchangers, static mixers, Mounded bullets, Air coolers, filters, ejectors, pig launcher & storage tanks in the field of Oil & gas, fertilizers, and chemical plants.

Skills:

1. Sound knowledge of mechanical engineering software like PVELITE, COMPRESS, B-JAC, AUTOCAD
2. In-depth knowledge of material selection, designing of static equipment
3. Sound knowledge of mechanical engineering concept, industry standards and specifications like ASME, ASTM, API, TEMA, WRC 107/297, NACE, Shell DEP, PDO, GOST.

Professional Experience

PRAJ INDUSTRIES LTD, Pune, India

MANAGER (STATIC EQUIPMENT) May 2021 Present

Job Description:

Lead the team of engineer & draftsman, Planning of activities & work allocation, Design of Static Equipments i.e. Pressure Vessels, HEs using Pvelite software. Checking of engineering drawings. Vendor Document Review.

Projects:

1. S&T heat exchanger supply to 2G Ethanol Biorefinery, Bhatinda
Client: HPCL, Bhatinda, India

Nature of Job: Responsible for Design of S&T HE, checking of engineering drawing, Interaction and expediting with Client & other departments.

WORLEY INDIA PVT LTD, Mumbai, India
SENIOR ENGINEER (STATIC EQUIPMENT) June 2019 – May 2021

Job Description:

Design of Static Equipments i.e. Pressure Vessels, HEs, Storage Tanks using Pvelite, AME tank & in-house engineering design software. Preparation of Mechanical datasheet /Engineering Drawings. Preparation of Supply specification, Material Requisition. Preparation of Technical Bid Evaluation. Vendor Document Review.

Projects:

1. Gravenchon G2R Project, France
Client: EXXON MOBIL, France
Nature of Job: Responsible for vendor drawing review, Interaction and expediting with Client, vendor & other departments for Gofiner Reactor.
2. INEOS JTL Project, Belgium
Client: INEOS, Belgium
Nature of Job: Responsible for Preparation of datasheet, material requisition, Interaction and expediting with Client, vendor & other departments for Mounded bullets, storage tanks.
3. SHELL REDIIIGREEN Project, Netherlands
Client: SHELL, Netherlands
Nature of Job: Preparation of datasheet, material requisition, Interaction and expediting with Client, vendor & other departments for Air coolers, storage tanks.

TECNIMONT ICB INDIA PVT LTD, Mumbai, India
SENIOR ENGINEER (STATIC EQUIPMENT) April 2014 – June 2019

Job Description:

Design of Static Equipments Pressure Vessels, heat exchanger using Compress, B-Jac & in-house engineering design software. Preparation of Mechanical datasheet /Engineering Drawings. Preparation of Supply specification, Material Requisition. Preparation of Technical Bid Evaluation. Vendor Document Review.

Projects:

1. FEED services for AL-SEJEEL petrochemical project: QAPCO, Qatar.
Nature of Job: Preparation of Datasheets for Pressure Vessel & Heat Exchangers.
2. FEED project for Ammonia & Urea Plant: Nevinnomyssk Azot OJSC, Russia.
Nature of Job: Preparation of Datasheets for Pressure Vessels.
3. 100 KTA IIR Butyl Rubber project: Reliance Sibur Elastomers Pvt Ltd, India.
Nature of Job: VDR for Pressure Vessel, Heat Exchangers
4. PP / U&O EPC PLANT: SOCAR Polymer, Azerbaijan.
Nature of Job: Preparation of Datasheets, Supply Specification & Material requisition, Technical Bid Evaluation & VDR for Columns, Pressure Vessel, Heat Exchangers
5. COMBINED OIL REFINING UNIT Project: GAZPROMNEFT, Russia.
Nature of Job: VDR for Pressure Vessel, Heat Exchangers

ESSAR PROJECTS INDIA LTD, Mumbai, India

DEPUTY MANAGER (STATIC EQUIPMENT) May 2013 April 2014

Job Description:

Design of Static Equipments Pressure Vessels, Storage Tanks using PVELITE & in-house engineering design software. Preparation of Mechanical datasheet /Engineering Drawings. Preparation of Material Requisition. Preparation of Technical Bid Evaluation. Vendor Document Review.

Projects:

1. EPC Project for SCTP (Spent Caustic Treatment Plant): TAKREER, Abu Dhabi.
Nature of Job: Preparation of Datasheets, Material requisition & Technical Bid Evaluation for Pressure Vessels, Storage Tanks.

TOYO ENGINEERING INDIA LTD, Mumbai, India

DESIGN ENGINEER June 2012 April 2013

Job Description:

Design of Static Equipments Pressure Vessels, Towers & Shell & Tube Heat Exchangers using PVELITE & in-house engineering design tool SDB software. Preparation & checking of Mechanical datasheets.

Projects:

1. FEED Project for RAPID (Refinery & Petrochemical Integrated Development)
Client: PETRONAS, Malaysia
Nature of Job: Preparation of Datasheets for Pressure Vessels, Storage tanks.

DENFAB CONSULTING ENGINEERS PVT LTD, Mumbai, India

DESIGN ENGINEER Nov. 2008 June 2012

Job Description:

Design of Process Equipments using PVELITE, CODECALC software. Checking Drawings
Vendor Document Review.

Projects:

1. Dahej Petrochemical complex: TEMA India Ltd, Mumbai
Client: TEMA India Ltd, Mumbai
Nature of Job: Design & Drawing checking of Heat Exchangers (Fixed tube sheet, U-tube type)
2. Indian Oil Corporation Limited, PARAXAIR Project.
Client: Geecy Engineering Pvt Ltd, Navi Mumbai
Nature of Job: Design of Hydrogen service Vessels.
3. Qatar Petroleum, Gas sweetening facilities project.
Client: Maritime Industrial Services, Sharjah
Nature of Job: Design of H₂S service Vessels.
4. ONGC Mangalore petrochemicals Ltd project.
Client: L & T Ltd, Mumbai.
Nature of Job: MDS preparation & VDR of vessel & heat exchangers.
5. Rehabilitation & Adoption of Algiers Refinery, Algeria
Client: Technip India Ltd, Mumbai.
Nature of Job: Vendor document review of design & drawing of vessel.