RESUME

Personal Details:

Name	:	**Binenkumar Amrutbhai Patel**
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Mobile No	:	+91-6355263699, +91-9998960365
Email	:	binenpatel@gmail.com binen_patel@yahoo.com
Date of Birth	:	6th September, 1985
Nationality	:	Indian
Passport No	:	**S7169741**
Education	:	**BE – Mechanical from MS University in 2006**

PROFESSIONAL EXPERIENCE:

Competent Mechanical Project Execution Engineer with more than 14 years experience in fabrication & inspection of Pressure Vessels, Columns, Reactors, Tanks, Piping, Skids, Rigs, Structures and Equipment erection & installation, Pre-Commissioning & commissioning of Brownfield & Greenfield EPC Project for Oil & Gas Refinery & industries.

1. Shell Energy India Pvt Ltd (HLPL&HPPL) ***Since March 2020***

Execution Engineer-Piping & Structure

- MOC of 3rd IAC package Installation & Commissioning – Atlas Copco
- MOC of NRV installation of LNG unloading line & various MOC related to plant

Job Responsibilities:

- Review the assigned MOC documents & Prepare Scope of Work.
- MOM with management & operation to perform MOC
- Prepare Equipment Layout, Isometric, GAD and BOM require for MOC as per Company standard, Specification and requirement
- Prepare schedule & monitor the progress
- Estimate the materials and resources required to perform MOC
- Co-ordinate with Engineering & Asset Integrity engineer for Drawing approvals
- Co-ordinate with vendor for material procurement &Inspection
- Co-ordinate with QA/QC team for ITP/QCP,WPS, WPQ/WOPQ & NDT
- Execute fabrication, hydro test, erection, installation, flushing, Leak test and commissioning that should meet the company standard, specification, drawing requirements, safety standard within approved budget & meet Schedule
- Co-ordinate functional department to perform PSSR
- Assisting to complete all missing structural works.
- Final documentation & handover to operation and maintenance team

2. R&H Contractors – Larsen & Toubro Ltd ***Dec 2018 – Feb 2020***

Project Execution Engineer

- Additional Gas Processing Facility Project - ONGC
- RIL ROGC Project– Reliance Industries Ltd
- Sagar Pragati Conversion Project – ONGC

3. Fabtech International Limited (Jebel Ali Free Zone, Dubai) ***Sept 2015 to Oct 2018***

Production Engineer

- SHIPLOADER (SL)-BAFFIN ISLAND, CANADA (ThyssenKrupp)
  - Portal structural fabrication & Assembly
- Disposal Caisson fabrication – KIPIC, Al-Zour Refinery Project
- SAUDI KAYAN Project (Skid packages for DM Plant) – OVIVO & SABIC
  - 6 No vessels fabrication with internal installation
  - Skid fabrication & its accessories assembly
  - Piping fabrication, erection, & final box-up
- SFNY -18 & SFNY – 23 Project : McDermott
  - Trailer Frame, Skid Beams, Sling Protector, Rigging Platform, Sea fastening requirement
  - Deck Penetration & E&I support
- Air Liquid Middle East Manufacturing RMC – Argon Cold Box Structural Fabrication & Assembly
- SNC Lavalin Piping Spool Fabrication, Erection & final box up – West Qurna Project
- Sweden Electrolyze room Structure fabrication : Nuberg, Abu Dhabi
- PDO RIG, Power Trailer & Mud Pump Trailer - National Oil well Varco
- GW- 904 & GW – 905 RIG & Mud System & its Piping - National Oil well Varco

4. Larsen & Toubro Ltd - MFF (Hazira Manufacturing Works) ***Jan 2008 – Aug 2015***

Project Execution Engineer

- MSQ Up-gradation (Indian Oil Corporation Ltd, Panipat) – Columns & Reactors fabrication
- SRU (Indian Oil Corporation Ltd, Baroda) – Reactors & Vessels fabrication
- MRPL (Mangalore Refinery Petrochemicals Ltd) – Vessels & Columns fabrication
- MHN (Oil & Natural Gas Ltd, India) – Vessels, Skids & Piping fabrication
- MHN PGC (Oil & Natural Gas Ltd, India) – Vessel(KOD) fabrication
- URAN Heater (Oil & Natural Gas Ltd, India) – Heater fabrication
- OMPL (ONGC Mangalore Petrochemicals Ltd) – Columns fabrication
- ADMA OPCO Umm Lulu Project, Abudhabi – API tubular fabrication
- GSPC (Gujarat State Petroleum Corporation) – Vessels, tanks, Skid & Piping fabrication
- GSPC (Gujarat State Petroleum Corporation) – Piping spool fabrication
- B -127(Oil & Natural Gas Ltd, India) – Vessels, tanks & API tubular fabrication
- HRP – II (Oil & Natural Gas Ltd, India) – Vessels & API tubular fabrication

- Handling the operation of Plate Bending Machine, CNC Messer Cutting Machine, Hydraulic Press Machine (1400 T), Hydraulic plate Shearing Machine etc

5. Sagar Construction Pvt Ltd – Larsen & Toubro Ltd ***Aug 2006 – Jan 2008***
Production Supervisor

- ❖ AIV tank of Submarine – P26
- ❖ Structural details of tank and Loose Sub-Assemblies of Lube-oil tank – P26
- ❖ Circulating Oil tank, Brine tank & – P26

Job Responsibilities:

- Review Project Documents, including Scope of Works, Project Specifications and Drawings like GAD, P&ID, Isometric, overall Plot Plan, Structural detail & assembly drawings and Client drawings
- Directly involved in executing and managing assigned projects safely, on schedule, within budget and to the highest standards of integrity and compliance
- Co-ordinate & follow up with Engineering department for AFC Drawings, MTOs & ARM
- Review MTO and requisitions, and highlight any shortage to Project Team
- Review materials procurements process and prepare Material Purchase List
- Check the materials on order comply with drawings, specifications and schedule requirements
- Oversee all the fabrication, erection, installation, Pre-commissioning and commissioning activities at site
- Prepare & follow fabrication & installation sequence for the Project at site
- Manages material & resource planning for the Project
- Review man-hours and duration forecasts to completion for Site construction, installation and Commissioning
- Coordinate and distribute work packages for workshop fabrication and field assembly & installation
- Coordinate with shop/erection floor planning to ensure compliance to the project plan
- Ensure materials, fabrications and installations are in accordance with the specifications and drawings
- Supervise and guide the site team and Coordinate with Welding and NDT department for welding & NDT requirements to meet codes & standards, customer specifications & Project schedule
- Ensure that engineering design, procurement, construction and project completion is done in compliance with the project contract requirements i.e. project schedule, cost, HSE, customer Specification, company standards and procedures and use of proper construction techniques
- Prepare BOM for the AFC drawings
- Manage directly or through the QA/QC Coordinator and third party inspection all site construction QA/QC matters in accordance with the QAP or ITP
- Prepare Permit to work based on the type of work and level of Risk according to RA & JHA to perform job
- Coordinating with the Piping Fabrication & Installation team and Mechanical Completion Team in preparing and clearing any construction punch list items and testing requirements
- Carried out the Mechanical Completion of Piping, Hydro test, Final Box-up and Leak test
- Carried out Pre-commissioning, Commissioning and punch point
- Provide detailed information for field changes due to engineering design problems for revisions and incorporate in AS built drawings
- Monitor construction productivity and schedule performance and investigate reasons for less than satisfactory performance
- Monitor & update the actual progress at different stages of Project & ensure that achieve progress on the Project fits the Progress anticipated in the Project schedule
- Attend weekly progress review meeting with client, managements, PMC & all team members associated with project
- Familiar with "U, S, R Stamps requirements for fabrication of pressure vessels & use Codes like **ASME, API 650, API 2B, ASME B 31.3, ASME Sec II, ASME Sec V, ASME Sec VIII, ASME Sec IX** etc… as per requirements

- Familiar with **Welding Process & Techniques, WPS, PQR, WPQ & NDT Process(i.e. Visual Examination, PT, MPT, UT, RT etc…)**
- Raise Revision Orders to the Yard personnel for any works performed outside original scope of work/change of the scope Prepare and monitor punch lists
- Co-ordination with Logistics and preparation of Invoices /Delivery Notes/Transfer of Ownership Documents based on dispatch and keeping records of dispatch
- Assists the Construction Manager with delivery of Project constructability, fabrication, planning, installation and handover in accordance with executed contracts and business targets per the Company HSES policies and procedures and work instructions
- Ensure that all the people associated with organization including contractors must be aware about Company's HSE policy & its standards and HSE regulation
- Conduct Safety Toolbox Talks on different topics for safety awareness at Site
- Minimizes site construction risk by Hazard identification & Risk Assessment(HIRA)
- Conduct safety walk weekly at site with HSE team
- Motivate & encourage the people on safety awareness by presenting safety awards & training on various topics on HSE

Computer Skills:

- PACER, PV
- AutoCAD, MS Office
- Knowledge of Primavera P6, SAP 6.0 and MS Project

Training attended:

Vocational training with Reliance Petrochemical Limited, Hazira (Jun 2005).Study & Operation of Pumps, Compressors, Boilers, Gas Turbines Plants, Steam Turbines Plants & Combine Cycle Power Plant in Captive Power Plant/Utility Department