

PROFILE

A diligent professional in Static Equipment Engineering and QA/QC with almost 9 years of continuous involvement in Oil & Gas industry endowed with technical expertise and design skills seeking opportunities in design, modeling, proposals and detail engineering. **ASNT LEVEL 2 certified in (RT, UT, MPT, PT).**

EXPERIENCE SUMMARY.

- ❖ Preparation of Mechanical datasheets, Control drawings and Technical Requisitions for inquiry (RFI/RFQ) in concurrence with Project specifications, international codes and standards.
- ❖ Technical bid analysis (TBA), Technical queries (TQ), Bid clarifications and final recommendation summary to Client as per technical compliance.
- ❖ Final update of requisition for Issued for Purchase (RFP/MRP) upon finalizing the TBE.
- ❖ Post-order Vendor documents review and inter- disciplinary coordination.
- ❖ Manpower estimation, planning/forecast and effective utilization of manpower.
- ❖ Thorough knowledge of ASTM/ASME codes and standards.
- ❖ Re-rating / Evaluation of existing equipment for the new Process design conditions.
- ❖ Designing and detailed analysis of equipment using PV Elite/Compress software for the mechanical design parameters.
- ❖ Selection of material of construction according to various Process requirements and Project specifications.
- ❖ Inspection and quality control of fabricated equipment.
- ❖ Project execution at IOCL PARADIP REFINERY PROJECT, PARADIP, ODISHA
- ❖ Engineering support to Procurement department for cost estimation of equipment.
- ❖ Drafting of platform/ladder construction drawings associated with Pressure vessels and Columns.
- ❖ Evaluation of platform/piping clips for the reactions encountered using Codecalc software.
- ❖ Preparation of As-Built documents and Final project records.
- ❖ Communicating with Vendor and attending technical discussions and review meetings.

WORK HISTORY

1. Deccan Ndt and Dt testings, Hyderabad, India – 6 Years (Nov 2017 – Till now)
2. Post Graduate Diploma in Thermal power plant Engineering (2015-2016) National power training institute, Neyveli, Tamilnadu, India
3. IOT infrastructure and energy services Ltd., Mumbai, India – 2.5 Years (July 2012 - Dec 2014)

EQUIPMENTS (CODES & STANDARDS)

- ❖ Pressure Vessels (ASME Sec VIII Div.1 & Div. 2 /EN13345)
- ❖ Columns & Reactors (ASME Sec VIII Div. 1)
- ❖ Storage Tanks (API 650 / API 620)
- ❖ Shell & Tube Heat Exchangers (TEMA / API 660)
- ❖ Air-cooled Heat Exchangers (API 661)
- ❖ Plate Heat Exchangers (API 662)
- ❖ Erections of low temperature flare of 76.5 mtr. height
- ❖ Erection and quality control of fire water pipeline and product pipeline connection to storage tank

SOFTWARE PROFICIENCY

- PV Elite
- HTRI
- Nozzle Pro
- AutoCAD
- MS Office
- Compress

PROJECT HANDLED

- **Project TUBAN: (Client – PT Pertamina Rosneft Pengolahan dan Petrokimia, Indonesia)** Modeling of pressure vessel drums & columns in PV Elite and preparation of FEED datasheet from Basic engineering datasheet for cost estimation purpose. Preliminary design calculation of API650 and API620 tanks and preparation of FEED mechanical datasheet.
- **MARJAN Increment Program: (Client – Saudi Arabian Oil Company)**
Review of vendor documents of various ASME Sec VIII Div.1 & Div. 2 pressure vessels including GA and detail drawing, ASME code calculations, MTO, ladder and platform drawings, pipe support clip detail drawings, platform and pipe clip calculation.
- **AURORA Project: (Client – Repsol, YPF, Spain)**
Review of client specifications, modeling of pressure vessel drums & columns in PV Elite from FEED datasheet for preliminary weight calculations and minimum required thicknesses. Preparation of mechanical equipment list from the preliminary data available in design data, P&ID and process datasheet.
- **Superior Rebuild Project: (Client – Husky Energy, Wisconsin, USA)**
Review of client specifications, modeling of drums, columns & heat exchangers in PV Elite for preliminary weight calculations and minimum required thicknesses. Preparations of mechanical datasheets and control drawings for hassle free engineering & procurement. Preparation of material requisition for quotation/purchase (MRQ/MRP) and technical bid evaluation.

EDUCATIONAL QUALIFICATION

- Post Graduate Diploma in Thermal power plant Engineering (2015-2016) National power training institute, Neyveli, Tamilnadu, India
- Bachelor's Degree in Mechanical Engineering (2008-2012) JNTUH, Hyderabad, Telangana, India

PERSONAL INFORMATION

Date of Birth	: 09 th March 1991
Nationality	: Indian
Marital Status	: Single
Languages known	: English, Hindi, Telugu
Present Address	: Hyderabad, India
Passport Number	: P 2472926