

ANJAN RAJAGIRI

· Mechanical Engineer · Storage Tanks & Pipeline Projects
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PROFILE

Mechanical Engineer with more than 6 years of site experience across LPG storage terminals, City Gas Distribution (CGD) projects, and cross-country pipeline work. Most of my experience has been on the execution side — overseeing tank fabrication and erection, managing pipeline laying from survey through commissioning, and keeping contractors on track across multi-agency sites. I've worked on projects under API 650/620, ASME B31.3&B31.8 and am comfortable handling the documentation, billing, and safety compliance that come alongside the construction work.

KEY AREAS OF WORK

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| • API 650 / API 620 Tank Construction | • Hydrostatic & Pneumatic Testing | • MIS Reporting and Documentation Control |
| • Piping Fabrication & Erection Coordination | • NDT – DPT, VBT, RT Coordination | • Contractor Coordination & Monitoring |
| • MDPE Pipeline Laying & Jointing | • Pre-commissioning & Commissioning Support | • RA Bill Verification |

WORK EXPERIENCE

Executive Mechanical Engineer

Nov 2023 – Present

Hornbill Infrastructure Services Pvt. Ltd. (Client: Aegis Vopak Terminals Ltd.) | Mangalore

Liquid and Gas Storage Terminal with a total storage capacity of 252346KL

- Monitored day-to-day execution activities for LPG cryogenic storage tank construction (Propane & Butane) with a combined capacity of 82,000 MT, covering fabrication, fit-up, welding, erection, testing, and commissioning activities across multiple work fronts.
- Supervised and coordinated process piping activities including fabrication, erection, blasting, hydro-static and pneumatic testing, ensuring adherence to approved drawings and method statements.
- Monitored contractor activities for simultaneous tank construction and associated piping works, ensuring progress was aligned with project schedules, approved drawings, and site requirements.
- Reviewed contractor-submitted ITPs, method statements, welding documents, and QA/QC records to ensure fabrication and erection activities complied with API 650, API 620, approved drawings, and client specifications.
- Coordinated and witnessed NDT activities including DPT, Vacuum Box Testing (VBT), Oil Chalk Testing, RT, and Pneumatic Leak Testing to ensure compliance with approved QA/QC plans and applicable project specifications
- Conducted regular site inspections to monitor fabrication, welding, piping, and erection activities for compliance with IFC drawings, quality standards, and safety requirements
- Prepared MIS reports Including daily, weekly and monthly progress reports for the client and internal management review, ensuring accurate tracking of site progress and construction activities.
- Reviewed and verified contractor RA bills, measurements, and supporting documents, including coordination for extra-scope claim verification as per contractual requirements.
- Ensured compliance with PTW system and safety practices in coordination with contractor and HSE teams, maintaining zero Lost Time Injuries throughout the project.

- Maintained and reviewed inspection records, test reports, and as-built drawings for final dossier submission.

Engineer

April 2023 – Oct 2023

Megha Engineering and Infrastructure Ltd. (Client: Karnataka Neeravari Nigam Ltd.) | Gadag, Hulkoti

Singathalur Drip Irrigation Pipeline Project

- Handled pipeline execution the drip irrigation main network — covering fabrication, welding, erection, flushing, and hydro-static testing — and ensured the work matched the IFC drawings issued by the client.
- Conducted regular field inspections along the pipeline route and raised non-conformance reports wherever deviations were observed before formal client inspection. This reduced rework at inspection stages and kept approvals moving.
- Prepared and submitted daily, weekly and monthly progress reports to project management, tracking physical progress of each pipeline stretch against the project baseline schedule.
- Managed RA bill Certification and measurement verification in coordination with the contractor, and oversaw safety compliance for site labourers across multiple work fronts.

Site Engineer

Jan 2021 – Mar 2023

Potaliya Enterprises (Client: GAIL Gas Ltd.) | Mangalore

Last Mile Connectivity (LMC) – City Gas Distribution Network

- Supervised MDPE and steel pipeline laying across the CGD network, covering jointing, back-filling, flushing, pneumatic testing, and commissioning of consumer connections. The work spanned multiple wards across Mangalore over a 26-month period.
- Managed HDD crossings for road, drain, and utility corridor sections. Coordinated with the drilling crew on bore plans and maintained records for each crossing as per client requirements.
- Conducted pipeline route surveys and reconnaissance activities, ensuring alignment with approved drawings and proactively identifying site constraints before execution
- Supervised field activities and coordinated with HSE teams to ensure compliance with safe work practices and incident-free project execution and reported progress to the project manager.
- Prepared RA bills, carried out measurement verification and billing documentation, and maintained material inventory records at the site store.

Site Engineer

Jun 2019 – Dec 2020

Patel Engineering Co. | Hyderabad

BGL Projects – MDPE & GI Pipeline Networks

- First site role after graduation — involved in installation, flushing, pneumatic testing, and commissioning of MDPE and GI pipeline networks, working under senior engineers and learning the full cycle of pipeline execution.
- Handled manpower and material management at site, and supported the senior team on ITP compliance and final handover documentation.
- Prepared daily progress reports and coordinated the preparation and updating of as-built drawings in line with site execution.

EDUCATION

Qualification	Institution	Year / Score
B.Tech – Mechanical Engineering	St. Mary's Engineering College, JNTUH	2019 61.55%
Diploma – Mechanical Engineering	Indur Institute of Engg. & Technology	2016 66.22%

TECHNICAL SKILLS

Codes & Standards	API 650, API 620, ASME B31.8, ASME B31.3
Testing & Inspection	Hydrostatic Testing, Pneumatic Testing, DPT, Vacuum Box Testing, Oil Chalk Testing, Peaking, Banding, Verticality and RT Coordination
Drafting / Software	AutoCAD 2D, MS Office (Excel, Word, PowerPoint), P&ID Reading, IFC Drawing Interpretation
Documentation	RA Bills & Measurement Verification, MIS Reporting, As-built Drawing Compilation, ITP Management
Languages	Telugu , Hindi, English

PERSONAL DETAILS

Date of Birth: 12 February 1998	Marital Status: Married
Nationality: Indian	Open to Relocation: Yes

Declaration

I hereby declare that the information provided above is true and accurate to the best of my knowledge. I am confident in my ability to contribute effectively as part of a team or as an individual

Place: Mangalore

Anjan Rajagiri