

Curriculum Vitae

RAJESH NADUPURU
PIPING SITE ENGINEER
+91 9440058070
rajesh.nadupuru01@gmail.com



Present Position

Piping Site Engineer

Personal Data

Last name	Nadupuru
First name	Rajesh
Year of birth	1991
Nationality	Indian

Education

2008 – 2012	B.Tech (Mechanical Engineering) Jawaharlal Nehru Technological University Kakinada, India
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Other Trainings

2014	Postgraduate Diploma in Health Safety & Environment (PGDHSE) Annamalai University
2014	Postgraduate Diploma in Piping Design & Engineering per ASME B 31.3 IPEBS, Hyderabad, India
2012	ASNT NDT Level II (PT, MPT, UT, RT, VT, RTFI) as per specification SNT-TC-1A Southern Inspection Services, Visakhapatnam, India

Key Qualifications

- Leadership
- Problem-Solving
- Flexibility
- Teamwork

Main Areas of Professional Experience

- Supervision of metallic, GRP and HDPE piping fabrication & erection, testing & Commissioning.
- A good team player and team leader; able to manage the team of Sub Contractors for completion of assignment.
- Strong knowledge in piping / pipeline regulations and standard; piping installation specifications.
- Review technical submittals.
- Experience in Butt Fusion and Electro Fusion welding of HDPE Piping, Butt and Wrap Joint of GRP Piping.
- Well-versed with all company safety standards and security policies & procedures to be followed during the projects.
- Supervision of Painting, Coating & Insulation activities.
- Coordination between Piping and other disciplines.
- Non-destructive testing.

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Technical Expertise

- ASME Codes and standards.
- Interpretation of drawings (Plot Plan, Equipment layout, Piping G.A drawings, P&ID and Isometric drawings etc).
- Pipe Supports and Rack Design.
- Preparation of MTO (Material Take off) from P&ID.
- Pressure design of Process Piping and component as per ASME B 31.3(Straight Pipe, flanges, elbows, miter bends, reinforced branch connections, blanks, blind flanges, expansion loop).
- 2-D drafting and 3-D pipe modelling pipe fittings, flanges, bolts, nuts, gaskets and valves.
- Knowledge in preparing the design and drafting of equipment systems, producing Isometrics, P&ID's and arrangement drawings.
- Proficiency in wall thickness calculation of pipelines per ASME codes, piping span calculations and selection of supports.
- Strong knowledge in plant layout and process equipment; Performing layout solutions for weight, thermal and wind loadings, including calculation of sustain, expansion and occasional loads.
- Flexibility analysis of piping systems.
- P-T ratings of fittings, flanges and valves.
- Engineering Analysis (Stress Analysis) : CAESAR II.
- PDMS (Equipment modelling, Piping modelling, Draft, Iso draft, Structure modelling, Support modelling).

Professional Experience

Jul 2016 till Nov 2020

Alghanim International General Trading & Contracting Co. W.L.L
Kuwait

Site Engineer

Project: Al Zour Refinery Project (UG Piping – K216)

Client : Kuwait Integrated Petroleum Industries Company (KIPIC)

Responsibilities:

- Responsible for field construction operations within assigned discipline or area.
- Determining workforce requirement; coordinating established area operational plans, scheduling work to be performed and reviewing work accomplished by each craft, monitoring work activities and ensuring the quality of work performed.
- Responsible for the implementation of corporate/project policies, procedures and instructions within assigned operations.
- Responsible for planning and organizing the execution of piping fabrication and erection, testing and commissioning works.
- Allocation of material, man power and equipment for daily work activities, and

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monitoring all piping installation and modification activities.

- Monitoring the activities of subcontractors to ensure compliance with specifications and schedules, and tracking their production.
- Ensuring that Piping construction contractors working within the discipline adhere strictly to the latest Approved for Construction (IFC) project drawings, Specifications, ITP's, Procedures and Standards.
- Reading and interpretation of drawings, (Including other disciplines where required).
- Preparing and following-up the inspection requests and coordination of inspection with Clients/ Consultant.
- Quality assurance and quality control in the areas of engineering and construction.
- Participation in daily and weekly site progress and coordination meetings. Provided regular feedback on the status of work and prepared daily progress report to Manager.

Project: Lower Fars Heavy Oil Development Program (Phase - 1)

Client : Kuwait Oil Company (KOC)

Responsibilities:

- Issuing IFC shop fabrication drawings to Supervisors.
- Approval of Field Material Requisitions for tools and consumables and ensures that the crafts have the tools they require to be productive.
- Supporting the erection team in expediting the release of required spools.
- Taking care of welding visual inspection and Non-destructive testing.
- Monitoring Welding Repair activities.
- Preparing production reports and consumables record and forecasts, including summary of construction progress.
- Approval of craft time sheets.

May 2012 - Jun 2016

R.K. Engineers
Visakhapatnam, India
Mechanical Engineer

Project: Clean Fuels Project (CFP)

Client : Hindustan Petroleum Corporation Ltd, (HPCL)

Project: New Jetty Pipeline Project

Client : Indian Oil Corporation Ltd., (IOCL)

Responsibilities:

- Overall responsibility for execution of the assigned jobs in Construction.
- Implementing Indian Oil Corporation Ltd / Hindustan Petroleum Corporation Ltd Construction, Safety and Quality Standards & Specifications in the areas of Construction.
- Supervision and providing technical support to the crews as and when

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required.

- Sequential operation of activities as per Plan and Schedule.
- Updating the construction progress and sharing info to Planning & Quantity Surveying Departments.
- Participation in Quality and Safety audits.
- Repair / Replacement of existing piping / Pipelines.
- Monitoring of modification of Piping / Pipelines and preparing asbuilt drawings and weld mapping and pipe supporting in Isometric drawings.
- Explaining the nature of job and schedule to supervisor and foremen.
- Daily conducting a tool box talk to sub coordinator & workers.
- Handling the clients and fulfilling their requirements.
- Sub-contractors Follow-up.
- Co-ordination with client & contractors for safety, quality & progress for day to day activities.

Behavioural Strengths

- ✓ Hard working
- ✓ Decision Maker
- ✓ Self-motivated
- ✓ Challenging
- ✓ Well-Organized / Self Management
- ✓ Work under pressure
- ✓ Getting alone

Languages

	Speaking	Reading	Writing
English	2	2	2
Arabic	3	3	3
Hindi	3	3	3
Telugu	1	1	1

Scale: 1. mother tongue | 2. good | 3. working knowledge