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| **Competent professional offering 23 years' experience in Mechanical/ Piping Detailed Engineering for** **Oil & Gas/MEP, EPC Contracts** **paul75santhosh@gmail.com  +91-9003061827 & +966-571872439**C:\Users\Global\Downloads\PAUL SANTOSH.jpg**PAUL SANTHOSH JAYAPAL** |
| **Executive Profile*** Competent Professional with over 23 years of experience in managing all Project Execution (Piping Construction, Testing, Pre-commissioning, , Supporting to Commissioning & Start-up activities)
* Skilled in preparation of General Layout, Piping General Arrangements, Isometrics, Pipe Supports, Piping Thickness & Piping Weight & CG Calculation
* Monitored all aspects of piping design and engineering like equipment layout, pipe rack planning, nozzle orientation, Issued for Construction (IFC) isometrics, bulk Material Take Off (MTO), review of vendor drawings, inter-departmental coordination and 3D Model review with client
* **Experience of managing Onshore/Petrochemicals/Refinery, MEP/Shop Fabrication**
* **Gained international experience of working in Kuwait, Qatar & Saudi Arabia**
* **Repair / replacement of renewed radiation area coils in cracking furnaces and Heaters**.
* **Maintenance experience in Sea water intake Travel Band screen and Sluice Gate with Trash rack.**
* Knowledge on Mechanical/piping codes with the national and international standards like API 620, API 650, for Piping ASME B.31.3, 31.4.., for pressure vessels ASME Sec. Div. II, PD 5500, TEMA and Preparing/Reviewing of DPR, MQR, HSE, PQP, ITP, M.S, JSA, RAS...
* Strong exposure in piping fabrication & erection activities from concept to commissioning stage including material take-off, review of piping material specifications, valve specifications, strength/leak testing, so on
* Highly skilled in project execution & engineering including planning, economic feasibility study, procurement, resource mobilization, installation, commissioning, construction till close out and hand-over
* Experience in managing techno-commercial matters including bid evaluation, valuation of contractors’ proposals, contract award & close-out and resolution of site technical queries
* Coordinated closely with other functional groups in the team to provide piping engineering support for construction activities, and to ensure timely feedback to continuously improve efficiency and performance for all phases of the work
* Provided support to all expense projects and maintain accuracy in all piping project and ensure compliance to all piping material specifications and maintain knowledge on all orders

**Education & Credentials*** Bachelors of Mechanical from Engineering Manonmanium Sundharanor University – Tirunelveli

**Packages** * Oil & Gas -> WT, GLT, Flare-KO Drum, Speed Stripper, Feed Water & Deluge System
* Steam Generation Unit, Air Systems, Water Systems, Cooling Water unit
* MEP-> AHU, FCU, Chiller Installation Cooling Tower and DCP

**Career Timeline** 20212020-20212019-20202016-20192013-20162012-2013 | **Key Impact Areas**Detail Engineering/ Cryogenic PipingTeam Building & LeadershipTrainingProject Management/ Welding Piping Layout & IsometricsPiping EngineeringStress Analysis/ Storm Drain Piping Operations Management  Construction Site Management**Soft Skills**Soft SkillsCommunicatorMotivator InnovatorAnalytical |
| **Professional Experience** **Since Sep’21 Global Sources, Jubail- SABIC, Saudi Arabia as Site Manager****Key Result Areas:** * Creating the initial project scope for all of the tasks that need to be completed in order to install a piping system
* Documenting procedures that simplified installation of piping and instrumentation systems
* Inspecting work progress to identify challenges, mitigate risks and guarantee the safety of piping staff
* Presenting instruction and advising on discipline activities to improve productivity and quality of the execution works
* Reviewing & approving project WBS, project schedules, master schedules, baseline schedule, integrated schedule, resource schedules, execution methodologies, cost estimates, budget, project KPIs, so on
* Managing various pipe supports and SPS supports fabrication and installation activities
* Involving site Technical Queries work. As built documentation and drawing preparation
* To ensure satisfactory execution and consolidation of site construction activities on time and according to specification
* Building specifications like Piping Material specifications, valve specifications and specifications for piping components
* Performing review of 3D model, fabrication & installation drawings (such as piping spools, support, G/A drawings, piping hole & penetration drawings, isometric drawings), paint details and insulation, weld & penetration type
* Conducting coordination and communications with Design Engineering to resolve technical problems
* Managing the interfacing, coordinating, planning, budgeting, scheduling and cost estimating with customers, engineers and contractors
* Formulating plans and specifications for the project, creating plans according to procedures and regulations that account for safety, communicating these plans to their team

**Aug’20-Sep’21 TATA Projects - IECT-ISRO, Mahendrakiri as Construction Manager.** **Key Result Areas:** * Managed the Cryogenic Piping construction for test bed and engine bay
* Streamlined all pre fab shop spool fabrication activities, stationary equipment, structure, piping systems and corrosion related repairs

**Jul’19-Mar’20 Global Sources – SABTANK, One Jubail Terminal Modification Jubail, Saudi Arabia as Site Manager****Key Result Areas:** * Ensured budget monitoring, tracking, coordinate and executed projects
* Led the forecasting of future services and projects planning, scheduling, conducting and coordinating the technical and management aspects of projects
* Steered all fab shop activities, stationary equipment, structure, piping systems and corrosion related repairs
* Took part in client/contractor meetings and resolved client/engineering and management project issues
* Managed:
* Ethyl Acetate, 2 Ethyl Hexanol, MTBE & Butadiene Pipeline constructions and corrosion related repairs
* Tie in with existing line (Cold and Hot Tie in) Project 2 - BENZENE and N-BUTANOL ONE JUBAIL, Sub tank, KSA and Tank still well pipe, FW Pipe replacing and Tie in with existing line (Cold and Hot Tie in)

**Oct’16-May’19 Naser M. Al-Baddah & Partner Gen. Trdg. Cont. Co. WLL, Ahmadi, Kuwait as Senior Engineer Mechanical** **Project 1 & 2- LFHOD EOF, Petrofac, Kuwait.** **Project 3- FDH-JV- KIPIC Al-Zour Oil Refinery Project, Kuwait****Highlights:*** Managed Oil Well Flow Line (456wells) to Manifold & MF to GC.
* Worked on power generator fuel supply tank piping, oil storage tank, foam pump package & trim pump and flare stack & KO drum erection, piping. equipment erection & UG/AG Piping
* Steered:
* Firewater and deluge system erection and Storage Oil Tank UG/AG Piping Construction
* Erection & Piping Working Flow line Well to Manifold and MF to GC

**Sep’13-Sep’16 ETA STAR Engineering and Contracting Company WLL, Doha, Qatar as Senior Mechanical Engineer****Project 1- MSHEIREB/Carillion & Project 2-Luzil Stadium CCC/TCC, Qatar****Highlights:** * Managed the Firefighting, CHW & Plumping Pipeline
* Steered the erection of AHU, FCU, Chiller Installation and DCP Corridor Piping.
* Led the Corridor DCP line Construction and Shop Fabrication – Supports and Spools

**Previous Experience****Sep’12-Sep’13 Kalpataru Power Transmission Ltd., Mumbai, India as Expediter/Coordinator****Project 1 - FGS, CGGS & Offtake Point - Oil India****Highlights:** * Oil Well Flow Line to Manifold & MF to GC
* Managed the power generator fuel supply tank piping
* Monitored the flare stack and KO drum Erection & Piping
* Steered equipment erection & UG/AG Piping -Oil Storage Tank.

**Jan’07-Jan’12 United Gulf Construction Company W.L.L., Kuwait as Engineer Mechanical****Project 1- LSP, Joint Operation - Chevron & KGOC****Highlights:** * Streamlined the Oil Well Flow line (25wells) to Manifold & MF to GC
* Led fabrication of Christmas Tree & Well Head Connecting spools
* Managed the steam generators flare stack and KO drum Erection & Piping
* Managed the erection and piping working flow line well to manifold and MF to GC Maintained the contract & purchase order documents, schedule milestones and as appropriate, payment conditions associated with Provision of critical interface information.

**Sep’06-Sep’07 Consolidate Construction Company, Kuwait as Engineer Mechanical** **Project: OL2K Equate Project, TECHNIP****Jun’03-Aug’06 Dodsal Pvt. Ltd., Mumbai, India as Expeditor/Coordinator****Nov’97-Nov’02 Dynatics Products Pvt. Ltd., Chennai as Workshop Engineer****Project: NPCIL, Ramco & TNPIL****Technical Skills** * Firewater and Deluge System Erection and UG/AG Piping Construction
* Equipment Erection and UG/AG Piping -Oil Storage Tank, Foam Pump Package and Trim pump
* Power Generator Fuel supply Tank Piping
* Steam Generators Flare stack and KO Drum Erection and Piping
* Utilities and Steam Generation Unit, Air Systems, Water Systems and Cooling Water Unit
* Interconnecting Pipe Rack, Wastewater Treating and Administration Building Piping
* Firefighting Manual Painting and Installation
* CHW and Plumping Pipeline & AHU, FCU, Chiller Installation and Cooling Tower Erection and Piping
* Repair / replacement of renewed radiation area coils in cracking furnaces.
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|  Personal Details**Date of Birth : 20th June 1975** **Driving License : Kuwait & Qatar****Passport : U5729048** |