

Resume

Piping Material Engineer/Management

S. ARUN JACOB SATHYARAJA

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Professional Summary

B. Tech in Mechanical Engineering with 19 Years of Experiences both in Piping Materials /Management and Piping & Layout in Oil & Gas, Petrochemical Projects.

Professional Skills

Knowledge in Piping codes & Standards ASME B31.1, B31.3, ASME, ASTM API.
Preparation of PMS.
Preparation of Valve Data Sheets & Piping Specialty Items.
Preparation of MR, PR in SAP.
Reviewing of Vendor Quotations, Documents & Drawings.
Technical Bid Evaluation.

Software Skills

PICOM – (Internal) for MTO Input.
GESPI – (Internal) PMS Creation.
GEMAPI – (Internal) Material Management at On-Site.
CAD2MAPI – (Internal) Importing Isometric from PICOM for IFC.
EIM – (Internal) Distribution of documents to the client.
BOFF – (Internal) Mechanical Quantities.
SAP –Purchase Requisition.
MARIAN-SPMAT –PMS Creation.
AUTOCAD – Design/Drafting.
MICROSTATION – Design/Drafting.
SMART PLANT REVIEW – 3D Model Review.
NAVISWORK - 3D Model Review.

Experience Summary

Period	From : 01/2022 To : Till Date
Project Name	MARJAN – PACKAGE-10 – GAS TREATMENT AND SULPHUR RECOVERY
Role	Lead Piping Material Engineer
Company	Saipem India Projects Ltd
Department	Piping & Layout
Activity Description	<ul style="list-style-type: none">• IFC activities for AG & UG.• Material take off.• Missing Marks Analysis & Updation in Gespi/Picom.• Wall thickness Calculation.

Period	From : 04/2021 To : 12/2021
Project Name	LONG TERM AGREEMENT PROJECT – LTA-63/65/68
Role	Piping Material Engineer
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none">• Material Requisition.• TBE for Cement Lining, CU NI Pipes, Fittings and Flanges & CS Pipes, Strainers, Stud Bolts, & Valves.• Coordination with Vendors.• VDRL Activities.

Period	From : 10/2020 To : 03/2021
Project Name	HAWIYAH-HGP
Role	Piping Material Engineer
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none">• Preparation of Valve Data Sheets• VDRL Activities.

Period	From : 04/2019 To : 09/2020
Project Name	DUQM REFINERY AND PETROCHEMICAL IND. COMPANY LLC
Role	Piping Material Engineer
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Piping Classes Preparation in GESPI. • Preparation of Valve GA-E –Document Numbers.

Period	From : 05/2015 To : 03/2019
Project Name	Dangote Fertilizer Project - Nigeria
Role	Piping Material/Gemapi Engineer
Company	Saipem Contracting Nigeria Limited (Secondment from Saipem India Projects)
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Material Requisition. • TBE for Pipes, Flanges & Valves. • Coordination with Local Vendors. • Vendor Documents & Drawings review. • Interpretation of reports. • Feasibility Analysis for Material Availability-Fabrication & Erection. • Voucher issuing for Piping Materials. • Weld Map Coordination & Error Analysis with Sub-Contractor. • Test Pack. • MTO for New line/Isometric. • MTO Update for Field Design Change.

Period	From : 08/2013 To : 04/2015
Project Name	RGPL, SHAHDOL-PHULPUR
Role	Piping Material Engineer
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Piping Classes Preparation in SP Mat. • TBE for Pipes & Flanges. • Creation of Commodity & Ident Codes. • Import of RPT files from 3D. • Import of OMI files from 'Manual BOM' • Manual MTO Management in 'Manual BOM' • Updating of missing components in Piping class. • Use of Tool box reporting tool for various Extracts. • Interpretation of reports. • Preparing Mechanical Quantity from Piping MTO.

Period	From : 05/2013 To :07/2013
Project Name	ONGC- C- SERIES PH2 & B-173A-B WELL PLATFORM
Role	Piping Material Management
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Piping Classes Preparation in GESPI. • Use of Picom Extraction Tool for various reports & interpretation • Error resolving in Picom. • Updating of missing components in Piping class. • Preparing Mechanical Quantity from Piping MTO.

Period	From : 11/2012 To :04/2013
Project Name	SAFCO V UREA STAND ALONE PROJECT
Role	Picom MTO Management.
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Piping Classes Preparation in GESPI. • Resolving errors in line between 3D & Manual MTO (line status). • Co-ordination with ISO checker/Layout team to resolve inconsistencies with revision, data content, KFI, etc. • Material take Off for Speciality. • Use of Picom Extraction Tool for various reports & interpretation. • Picom Data Entry.

Period	From : 05/2011 To :10/2012
Project Name	SHAH GAS DEVELOPMENT PROJECT
Role	Picom MTO Management.
Company	Saipem India Projects Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Isos Loading in Cad2picom • Resolving errors in line between 3D & Manual MTO (line status). • Co-ordination with ISO checker/Layout team to resolve inconsistencies with revision, data content, KFI, etc. • Material take Off. • Use of Picom Extraction Tool for various reports & interpretation. Thus Support & provide necessary details as required for Layout team. • Picom Data Entry. • Eim Loading,

Period	From : 10/2009 To : 04/2011
Project Name	MANIFA- Substation-1, 2 & Co-Generation.
Role	Field Piping Engineer.
Company	Mohamed Al-Mojil Group
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Coordination of underground fire water lines, catch basin & man-hole installation activities. • Weld Maps Preparation. • Test Pack- Preparation of Punch list, Coordination with QA/QC & Client.

Period	From : 02/2008 To : 12/2008
Project Name	KHURAI'S UTILITY CONTRACT PROJECT
Role	Field Piping Engineer.
Company	Saudi Arabian Saipem Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Material Co-ordination with Ware-House. • Weld Maps Preparation. • Updating Erection & Pre-fabrication reports from Sub-Contractors. • Test Package- Preparation of Punch list, coordination with QA/QC & Client.

Period	From : 02/2007 to 06/2007
Project Name	U.A.E UNIVERSITY AL-AIN
Role	Fire Fighting Coordinator
Company	Dhabia Contracting EST. U.A.E
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Pipe Routing for Sprinklers. • Fire Alarm Design. • Installation of Fire Hose Reel • Coordination with other disciplines for modification of pipe routing. • Preparing bill of materials.

Period	From : 04/2006 to 11/2006
Project Name	KNPC – Hydrocracker Unit - Maintenance
Role	Field Piping Engineer.
Company	Integral Services Co. W.L.L
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Modification of Isometric Drawings • Coordination with NDT team for Thickness Reading. • Installation of New Lines & Bill of Materials

Period	From : 05/2002 To :03/2006
Project Name	CCR UNIT
Role	Piping BOQ & Isometric Preparation
Company	Megalith Resources India Private Ltd
Department	Piping
Activity Description	<ul style="list-style-type: none"> • Preparation of Isometric drawings. • Preparation of Spool drawings. • Preparation of Detailed Engineering drawings. • Preparing bill of materials.

Period	From : 04/2001 To : 04/2002
Project Name	Act Apprentice Ship
Role	Cad-Draughtsman
Company	BHARAT ELECTRONICS
Department	Project Piping
Activity Description	<ul style="list-style-type: none"> • Preparation of Schematic drawings. • Preparation of Electrical Circuit drawings. • Modification of Panel board drawings.

Period	From : 10/1999 To : 03/2001
Project Name	SPR- Pondicherry
Role	Draughtsman
Company	MICRO PRECISION INDUSTRIES
Department	Mechanical
Activity Description	<ul style="list-style-type: none"> • Preparation of GA for Machinery & Component drawings. • Detailed Drawing & Preparing bill of materials.

PERSONAL PROFILE

Father's Name : P. Samuel Jayapaul

Marital Status : Married

Nationality : Indian

Religion : Christian

Languages Known : Tamil, English, Malayalam & Hindi

Sports : Basketball, Volleyball & Table Tennis

D.O.B : 10-08-1980

Passport Number : U-8013120

Date of Issue : 08-12-2020

Date of Expiry : 07-12-2030

Place of Issue : Chennai.

I am confident of my ability to work in a team.

I hereby declare that the above information provided by me is true to the best of my knowledge.

Place: Chennai

Sincerely

Date:24-05-2022

S. Arun Jacob