

Contact No: +91 9994340255**E-mail: baskaran.j59@gmail.com****PIPING DESIGN ENGINEER****CAREER OBJECTIVE:**

To be a part of the Global Piping Engineering team in a stimulating and creative world, which expects a high level performance and commitment, where I desire to serve for your established firm with my engineering skills to accelerate my career with you.

PROFILE:

- ❖ Currently working in CAMERON SCHLUMBERGER COIMBATORE, India.
- ❖ Total 12+ years of experience.
- ❖ B.E Mechanical Engineering in 2009 with FIRST CLASS from M.I.E.T Engineering College, Trichy.

TECHNICAL SKILLS:

- ❖ Experience in Design of piping systems in OFFSHORE & ONSHORE PROJECT.
- ❖ Project / Piping Engineer with 12+ Yrs of experience in Plant Layout of various Petrochemical plants.
- ❖ Proficient in reading of PFD, P&ID, PMS, Valve Datasheet, Vendor Drawings, Static & Rotary Equipment's and Other Piping Related Documents.
- ❖ Good in developing and Checking Pipe rack layouts, Plot Plan, Unit plot plan, man material movement, Equipment Layouts, Piping layouts, point load layouts, Nozzle Orientation, piping supports, Construction Isometrics, Line List, BOQ.
- ❖ Checking piping layouts in references to INSTRUMENTATION, ELECTRICAL, CIVIL and HVAC LAYOUTS.
- ❖ Checking of vendor technical specification documents for piping.
- ❖ Familiar with international codes and standards like ASME, API, & OISD.
- ❖ Reviewing of 3D layouts using AUTODESK NAVISWORK.
- ❖ To conduct and participated in 30%, 60%, and 90% model reviews in navisworks software.

SOFTWARE PROFICIENCY:

AVEVA E3d
Smart Plant Sp3d
NAVIS WORK & SPR
AutoCAD
CAESAR - II (Basic Knowledge)

PROFESSIONAL EXPERIENCE:

- 1. Consultant : CAMERON SCHLUMBERGER COIMBATORE,**
Designation : SENIOR PIPING ENGINEER (LAYOUT ENGINEER)
Duration : MARCH 2022 to TILL DATE.

PROJECT:

- A) PROJECT : BAROSSA FPSO PROJECT.**

- a. CLIENT : SANTOS.**

SCOPE : Project was Design & Detail Engineering of methanol regeneration & recovery skid.
Working as a senior piping engineer.

RESPONSIBILITY:

- ❖ Detail Design of Equipment layout, piping GA.
- ❖ Pipe Routing for Critical and Non-Critical Lines through Aveva E3D Module.
- ❖ Review of 3D model and provide solutions to design errors, constructability issues, fabrication

constraints, operational & maintenance issues.

- ❖ Able to present and drive the 3D model review and design reviews with client.

- 2. Consultant : L&T HYDROCARBON ENGINEERING PVT LTD POWAI MUMBAI,**
Designation : ASSISTANT TECHNOLOGIST - OFFSHORE ENGINEERING
Duration : JANUARY 2017 to DEC 2021.

PROJECT:

- B) PROJECT : MV 30 FPSO CARIOCA PROJECT.**

- a. CLIENT : MODEC PETROBRAS OFFSHORE.**

SCOPE : Project was regarding Design & Detail Engineering of Topside for FPSO.

Worked as a Piping engineer for UMSS.

- C) PROJECT : DEVELOPMENT OF CLUSTER-8 MARGINAL FIELD PROJECT.**

- a. CLIENT : ONGC.**

SCOPE : Project Constitutes of 4 new Well Head Platforms (Topside) and 2nos process platform modification and 1 nos new bridge between green field and modification.

- D) PROJECT : MARJAN PACKAGE-2.**

- a. CLIENT : SAUDI ARAMCO.**

SCOPE : Project Constitutes of 9 new Well Head Platforms (Topside) and 4nos TIE-IN platform

Worked as senior engineer in well head platform MRJN 580/589 & TP-11 Tie in platform.

RESPONSIBILITY:

- ❖ Detail Design of Equipment layout, piping layout for fixed and floating offshore facilities.
- ❖ Pipe Routing for Critical and Non-Critical Lines through Aveva E3D Module.
- ❖ Review of 3D model and provide solutions to design errors, constructability issues, fabrication constraints, operational & maintenance issues.
- ❖ Able to present and drive the 3D model review and design reviews with client.
- ❖ Coordination and Interface with other disciplines, Client, Vendor, Procurement team and Fabrication yards.
- ❖ Site queries and engineering assistance at Fabrication yard.
- ❖ Knowledge of industry codes and standards.
- ❖ Prepare & check Piping deliverables - MTO, Layout drawings, piping plan, Isometric drawings, Material handling report of piping components, pipe support drawings, Nozzle orientation drawings and Vendor drawing review.
- ❖ Review of vendor drawings

- 3. Consultant : CHEMTEX CONSULTING OF INDIA (P)**
LTD, Designation : PIPING LAYOUT ENGINEER
Duration : OCTOBER 2014 to JANUARY 2017.

PROJECT:

- A) PROJECT : JUMBO (PET PLANT)**

- a. CLIENT : Gruppo Mossi & Ghisolfi (M&G International), Texas USA.**

- B) PROJECT : HOSAF EXPANSION PLANT.**

- a. CLIENT : Hosaf Durban south Africa**

RESPONSIBILITY:

- ❖ Checking of Equipment, Piping, Platform, cut out and point load layouts.

- ❖ Reviewing the Model in Naviswork & SPR for issuing of isometrics.
- ❖ Preparing of battery limits.
- ❖ Validating and approving the stress Isometrics.
- ❖ Reviewing the stress reports and Validating the Standard and Special Supports.
- ❖ Preparing of support drawings for critical lines.
- ❖ Model the equipment as per vendor data and finalize the routing as per P&ID using SP3D software.
- ❖ Pipe Routing for Critical and Non-Critical Lines for SP3D Module
- ❖ Modeling of Pipe Supports using SP3D.

**4. Consultant : RSN Engineering Pvt Ltd,
Chennai Designation : PIPING ENGINEER
Duration : AUGUST 2013 to OCTOBER 2014.**

PROJECT:

A) PROJECT : CHECKING OF EXISTING HEAT EXCHANGER PIPES AND CRITICAL SUPPORTS WITH LAYOUTS

a. CLIENT : QATAR PETROLEUM.

B) PROJECT : EPIC OF CENTRAL LPG SYSTEM IN ALAQARIA SOUQ MESAIEED.

a. CLIENT : QATAR GAS.

RESPONSIBILITY:

- ❖ Reviewing the scope of work from the tender and feed documents.
- ❖ Reviewing the stress reports and Validating the Standard and Special Supports.
- ❖ Preparation of Bulk MTO.
- ❖ Checking of Construction Isometrics for AFC.
- ❖ Modeling of Pipe Supports using SP3D.

**5. Consultant : C2C ENGINEERING PVT LTD,
Designation : PIPING ENGINEER,
Duration : SEPTEMBER 2010 to JULY 2013.**

PROJECT:

A) CLIENT : DR. REDDYS LABORATORIES LTD, ANDHRA

a. PROJECT : UNIT-V (PRODUCTION BLOCK).

B) CLIENT : DECCAN FINE CHEMICALS (INDIA) LTD., VIZAG

a. PROJECT : (PRODUCTION BLOCK (I & II))

RESPONSIBILITY:

- ❖ Freezing the concepts of Equipment, Piping layout & man material movement with client.
- ❖ Checking of Equipment layout, Data Sheet, Nozzle Orientation.
- ❖ Approval of Equipment vendor drawings & vendor co ordination

**6. Consultant : VKN ENGINEERING LIMITED, Trichy.
Designation : Piping Designer
Duration : JUNE 2009 to AUGUST 2010.**

PROJECT:

PRODUCTION BLOCK.

Client: THIRUMALAI CHEMICALS CHENNAI

RESPONSIBILITY:

- ❖ Preparation of Pipe Racks for Utility Lines.
- ❖ Equipment data sheets, nozzle orientation for reactor and receivers.

PERSONAL DETAILS:

Father Name	M.PERIYANNAN	
Date of Birth	06/12/1985	
Languages	English, Tamil	
Address	<u>Permanent</u> No.5 Jaheer Hussain Street, Indra Nagar, Lic Colony, Trichy-21	<u>Present</u> MIG 682/3 Tamil housing unit, Poonga nagar, Coimbatore-641014.
Nationality	Indian	
Passport Details	Passport No : Z5489486 Date of Issue : 28/10/2019	

DECLARATION

I undersigned certifies that the information given by me is true and correct to the best of my knowledge and belief.
Thanking you in advance for an early response with regards.

Place: COIMBATORE

yours truly.

Date:

(BASKARAN.P)