

Kasi Viswanathan Kasamuthu
Mobile: +919600457788
E-mail: kasi_kasamuthu@yahoo.co.in

Career summary:

- Experience in **feasibility, Conceptual, Feed, Proposal & Detailed Engineering** for oil & gas (**Upstream, midstream, downstream**) of onshore and offshore projects, **Process & Power Plant** in the combination of **Green & Brown field (EPC, EPCC, EPCM & LSTK)**
- Having exposure in International Codes and Standards. **ANSI / ASME, ASTM, Norsok, API, GAP, MSS SP, NFPA, NAIC, OISD**

Educational Qualification: Diploma in Mechanical Engineering

Work Experience: 16 years in piping design engineering

Site experience:

- **1 year** Deputed to **Sembawang Shipyard** (Singapore) for engineering & as built activities on **Libra FPSO**.
- **1 year** Deputed to **Aibel Yard Haugesund** (Norway) for engineering & as built activities on **Gudrun Fixed Platform**.
- **Dow Advanced Materials** (Chennai) to **develop similar new petro chemical plant**
- Site survey for modification in **feeder lines at borholla GGS, ONGC A&AA basin**, Assam
- Site survey for construction of **secondary tank farm at madhuban**, Assam

Software Skills:

- **3D Package** : **SP3D, PDMS, SPPID**
- **2D Package** : **Micro station, AutoCAD**
- **Review software:** **Navies work, Smart plant review, Cloud work**

Functional:

- Insight knowledge in 3D models development, in compliance to client specifications and standards.
- Having experience in preparation & checking of overall Plot plan, Ship GA, Equipment layout, Piping GA & Isometric Drawings.
- Preparation & checking of pipe & support, mto, weight, cost estimation.
- Experience in preparation of Piping Specialty specification, Piping Material Requisition, Request for quote, technical bid evaluation, Vendor Offers Review & PO review.
- Preparation of Technical Query, Technical clarification.
- Participating in HAZID & HAZOP, 3D model review, Design Review.
- Preparation of single line diagram for Pipe rack study.
- Access review & Validation of material handling.
- Site survey & preparing report, observation of tie-in's at existing & new facility
- Coordination with team, inter discipline, clients for engineering & execution.
- Managing Project closing activities such as preparing and submitting the As-Built drawings & Documents.
- Checker for piping deliverable

Experience Summary

Company Name : Pavni Engineering opc Pvt. Ltd, Chennai
Period : From Jan 2017 to March 2020
Designation : Senior Designer

Project: **Rashid gas export project - ACP/ recompression (phase-2)**, (off shore)
Client: Dubai petroleum / Woodserv
Scope: Detail engineering (Fixed Platform)
Area: Hp/Lp gas supply & gas export/Reinjection reciprocating compressor, 1st & 2nd Scrubber suction & discharge, 1st & 2nd suction & discharge volume bottles, Gas after cooler & auxiliaries unit
(Job offloaded from ISCON ENGINEERING FZCO, Dubai)

Project: **Amine Sweetening Unit, kirthar block, dadu** (on shore)
Client: Gasco Engineering
Scope: Detail engineering
Area: Gas treatment unit, Amine regeneration unit
(Job offloaded from ISCON ENGINEERING FZCO, Dubai)

Project: **Construction of secondary tank farm (stf) at madhuban near duliajan**, (on shore)
Client: Oil India
Scope: Consultancy service for detail engineering
Area: Wet / Dry crude tank farm, Wet crude oil / Natural gas pressure reducing station, Direct & Indirect Bath heater, Electrostatic emulsion treater, Heat exchangers, Chemical injection system, Wet crude oil circulation & accumulated water pump house, Dry crude oil dispatch pump, Effluent storage tank, Pump house & its treatment system, Clarified water tank

Project: **Modification in feeder lines at borholla GGS, A&AA basin, jorhat**, (onshore)
Client: Oil India
Scope: Feed engineering of feeder lines
Area: Well Head Cluster Piping, Inlet manifold System, Pig Launcher & Receiver System

Company Name : Aibel Pte Ltd, Singapore
Period : From Oct 2010 to Mar 31st 2016
Designation : Senior Designer II

Project: **Cather FPSO, Gas Capacity of 40MMSCFD, Oil Capacity 60,000BOPD**, (offshore)
Client: Premier Oil
Scope: Feed & detail engineering of top side
Area: Crude oil separation & stabilization, Chemical injection & utilities

Project: **Libra FPSO, Gas Capacity of 4 MSm3/d, Oil Capacity 50000BOPD**, (offshore)
Client: **Teekay Offshore** and Odebrecht Oil and Gas (OOG)
Scope: Detail engineering of top side
Area: Gas dehydration, Booster compressor
(Deputed to Sembawang Shipyard (Singapore) for engineering & as built)

Project: **Gudrun Project, (Fixed Platform with gas 7.5 MSm³/d& oil of 12000 Sm³/d) North of Stavanger, Norway, (offshore)**

Client: Statoil

Scope: Detail engineering of top side

Area: Process area module - Condensate export, Gas recompression
Wellbay area module – Well head, Flow lines
(Deputed to Aibel Yard Haugesund (Norway) for engineering & as built)

Project: **BRØNN A13 H-SAS INSTALLATION AND GAS LIFT HOOK-UP SFLC-C30 ESP WELL HOOK UP TO X-MAS TREE, (offshore)**

Client: Statoil

Scope: Feasibility, Feed, Execution

Area: Well bay (Well head, Flow lines & Manifolds)

Project: **GREATER EKOFISK MODIFICATIONS, (offshore)**

Client: ConocoPhillips

Scope: Feasibility, Feed, Execution

Area: Well bay (Well head, Flow lines & Manifolds)

Company Name : Dow Chemicals International (p) ltd, Chennai.

Period : From Oct 2007 to Oct 2010

Designation : piping Designer

Project: **Ethane rehabilitation Project, Malaysia, (on shore)**

Client: Dow chemicals International pvt ltd

Scope: Feed & Execution (petro chemical plant)

Area: BOG compressor, Re condenser, Booster Pump, Cryogenic ethane storage tank

Project: **UCAT- J3, Zhangjiagang china, (on shore)**

Client: Dow chemicals International pvt ltd

Scope: Feed & Execution (petro chemical plant)

Area: Process Area

Project: Instrumentation & Control system p&id's of Dow chemical

Client: Dow chemicals International pvt ltd

Scope: p&id's preparation using smart plant

Company Name : M/s. CETHAR CONSULTING ENGINEERS (P) LTD., CHENNAI.

Period : From Jan 2005to Oct2007

Designation : Junior Executive

Project: **SPM ltd, Chennai, (on shore)**

Client: M/s sirpur paper mills ltd

Scope: Detail Engineering

Area: Process – pulping unit

Project: **1x500MW Kothagudem Co-Generation Plant**

Client: Andhra Power Generation Corporation

Scope: Consultancy for cogeneration plant

Project: **3x120 MW Rajiv Gandhi Combined Cycle Power Plant**

Client: NTPC limited

Scope: Consultancy for combined cycle power plant

Company Name : M/s.Cethar Vessels Ltd., Trichirappalli
Period : From May 2002 to Apr 2005
Designation : Design Assistant

Project: **90 TPH, BI – Drum water Tube boiler (FBC), M/s. Euro Ceramics.**
Project: **16 MW bio mass WHRB, M/s. Haidargarh Chini Mills Ltd.,**
Project: **65 MW Coal fired Co- gen plant, M/s. Shakti Sugars Ltd.,**
Project: **125 MW Coal fired Co- gen plant, M/s. Monnet Power PLANT.**
Scope: Detail engineering
Area: Boiler Pressure parts & non pressure parts, Feed Water & Steam piping, Flue gas system, Steam Turbine & Condenser piping, Air pre heaters, cooling tower, Drainage system & Utilities system.

Personal Details

Father's Name : Mr. Kasamuthu.A
Date of Birth : June 20, 1978
Languages Known : Tamil, English
Marital Status : Married
Nationality : Indian
Passport no : M0536710
Permanent address : Plot No: 155, 3rd East Street, Srinivasagam Nagar,
Palayamkottai,Tirunelveli – 627011, Tamilnadu State,India