

**OPERATIONS DIRECTOR & LEAD PROCESS****PERSONAL PARTICULAR**

Name: Hariharan Sankaran

Nationality: Indian

**QUALIFICATION****Bachelor's Degree in Chemical Engineering ,B.E (Chemical )**

Boiler Operation Engineer (Issued by inspector Boilers - Govt. of Tamilnadu. INDIA. )

**SUMMARY EXPERIENCE**

<b>COMPANY</b>	<b>LAST POSITION HELD</b>	<b>SERVICE</b>
Operations Director	DEEPBLUE Pte Ltd	2020 till present
Director	Siglar Field Solutions Pte Ltd	Feb 2017 - 2020
Thome Oil & Gas, Singapore	General Manager	Dec 2006 – Feb 2017
Prosafe Production Services Ltd. Singapore	OIM / Project Operation Manager - FPSO / FSO	Apr 1999 – Nov 2006
Hitech Drilling Services Ltd. – A Tata Enterprise. India.	Offshore Installation Manager. (OIM)	Aug 1997 – Mar 1999
Al-Jubail Fertiliser Company (SAMAD) , An Affiliate Of SABIC. Saudi Arabia.	Process Engineer & Production Advisor	Mar1995 - Jun 1997.
Southern Petrochemical Industries Corporation ( SPIC ) Ltd. India.	Manager Process.	1983 - Feb 1995.

## KEY EXPERIENCE

- Operation Management for FPSO/ FSO
- Bidding and commercial proposals for FPSO / FSO/ MOPU Projects
- FPSO Project execution, commissioning, and handover.
- Plant operations, Process Engineering & Production Engineering of Fertilizer, Petrochemical complex and Oil & gas installations at offshore FPSO and FSO.

## PROFESSIONAL EXPERIENCE

### 1. 2020 till date DEEPBLUE Pte Ltd

Operations director, taking over the duties of the Managing Director when required, FSO – FPSO Management, specialist for process systems and marine systems, Business development and general company support.

### 2. FEB 2017 – 2020 – SIGLAR FIELD SOLUTIONS PTE LTD

- Siglar Field Solution Pte Ltd is a company specialising in Design and Operation mainly for Oil & Gas Sector upstream and downstream both offshore and onshore
- Director / Consultant and responsible for the Business Development mainly in Southeast Asia, west Africa and Europe.

Some of the projects are:

- Field Development of SC6B offshore field in Philippines
- Okwok FPSO Feed study and consultant for the Process.
- Consultant to Thome Oil & Gas
- Consultant for Tank farm project in Batangas. Philippines
- Feed Study for onshore gas field in UK

### 3. DEC 2006 – FEB 2017 – THOME OIL & GAS

Thome Oil & Gas Management is a subsidiary company of Thome Ship Management venturing in O&M contracts for FPSO / FSO/ MOPU Projects. Instrumental in structuring the company to suit the Oil & Gas Industry.

Heading Operation and Projects reporting to the Group President and responsible for

- Operation of FPSO / FSO/ MOPU
- Securing new contracts and exaction
- Assisting the Clients on Conceptual design for new Projects and justification with Finance Housing for securing the Project Finance
- Profitability of the division

#### **4. 1999 – NOV 2006 - PROSAFE PRODUCTION SERVICES LTD**

Prosafe Production Services was engaged in the field of FPSO (Floating Production, Storage and Offloading) , FSO (Floating Storage and Offloading), design and engineering of FPSO and FSO conversions. Served in various positions in this company

##### **2002 – Nov 2006 Operation Manager FPSO / FSO**

- Responsible for the operation of FPSOs and FSO.
- Preparation of yearly Budgets for these installations.
- Liaise with clients for technical and commercial issues.
- Bidding team and responsible for OPEX proposals for new projects.

##### **2001 – 2002 Project Operations Manager for Conversion of Petroleo Nautipa FPSO in Singapore, Client – Vaalco Energy USA**

- Responsible for the all the modifications on the process side undertaken in Keppel .
- Follow up the activities in Shipyard and perform under budget
- Sail the FPSO, Commission and produce first oil on target date and hand over to Operations.
- Ensure close out of all pending project activities and hand over to OIM for regular operation

##### **1999 – 2001 Offshore Installation Manager of FPSO Petroleo Nautipa in Angola**

- Client – Ranger oil UK (Now known as Canadian Natural Resources)
- Responsible for the safety and smooth operation of the total installation.
- Responsible for smooth running and trouble shooting on Process to avoid downtime and have maximum capacity utilisation.
- Coordination with the Client regarding day to day operations on the installation.
- Coordination with Prosafe representative and agent at Luanda to ensure the logistics for the installation.
- Responsible for Health , Safety & Environment of all the personal on board and the installation.
- Emergency response and evacuations.
- Provide technical support to all the departments on the installation.  
Operate the installation well under budgeted figures

#### **5. 1997 -1999 HITECH DRILLING SERVICES LTD. (Now ABAN )**

- Hitech is one of the TATA group of companies engaged in the profession of off shore drilling and off shore floating production facility (TAHARA).
- The FPU (floating production unit) is a semi-submersible rig located at PY3 field with a production facility of around 20000 bbls per day of crude oil processing along with a floating storage & offloading (FSO) facility.

**Offshore Installation Manger – PY3 Field**

- Total in charge of FPU & FSO operations.
- Responsible for oil production and safe operation of the platform
- Co-ordination of process & marine activities relating to FPU and FSO.
- Responsible for achieving the highest safety standards in line with international safety procedures.
- Responsible for safety audit surveys, class surveys etc. which are carried out regularly for acceptance and approval of the platform
- Co-ordination of day-to-day activities with the FSO tanker for transfer, storage and offloading operations.
- Co-ordination with Hitech and Hardy base offices for material, logistics and day to day activities.

**6. 1995 MARCH TO 1997 JUNE AL-JUBAIL FERTILIZER COMPANY (SAMAD). SAUDI ARABIA.**

- SAMAD is one of the largest complexes in Saudi Arabia engaged in the manufacture of fertilisers and petrochemicals.
- Production facilities include 1000 MT / day of Ammonia based on M/S Kellogg process, 1600 MT / day Urea based on M/S Stamicarbon process, 450 MT / day of 2 Ethyl Hexanol (2EH) and 150 MT / day of Di-Octyl Phtalate.
- Additional facilities include Water treatment plants and Utility Boilers.

**Process & Production Advisor**

- Responsible for process engineering activities of Fertliser complex and 450 MT / Day 2 Ethyl Hexanol plants and production engineering activities of all the plants.
- Preparation of annual budget and providing technical assistance to finance department for assessing the financial analysis of finished products.

**7. 1983 -1995 March SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD. (SPIC) . TAMILNADU. INDIA.**

- Southern Petrochemical Industries Corporation Ltd. (SPIC) is one of the largest complexes in India engaged in the manufacture of fertilisers.
- Production facilities include 1100 MT / day of Ammonia based on ICI process, 1600 MT / day Urea based on TEC process , 470 MT / day of Sulfuric Acid, 165 MT / day of Phosphoric Acid and 1000 MT / Day of DAP.
- Additional facilities include Water treatment plants , Utility Boilers and Captive Power plant generating 18.4 MW of power.

**1993 –1995 Manager (Process Engineering)**

Responsible for the total process engineering activities of SPIC complex. Process engineering co-ordinator in Project management team for the following

- Modernising urea & utility plants, ammonia plant with DDCS system.
- Responsible for submission of technical data to Ministry of Fertiliser (FICC) for subsidy/ pricing.

**1990 – 1992 Senior Process Engineer**

Responsible for process engineering activities of Ammonia, Urea & Utility plants.

**1983 – 1989 Operation Engineer / Senior Operation Engineer**

- Shift Supervisor for 1100 MT / Day Ammonia plant and 1600 MT / Day Urea plant . Responsible for smooth and safe operation of the plant .
- Fully Conversant with start up / shut down procedures, operation of high pressure equipment / pumps & compressors and annual turn around activities.
- Duties involve day to day co-ordination with maintenance and other departments for efficient running of the plant, routine turn around jobs, trip analysis and suggestions / procedures to avoid recurrence and training of operational staff.