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FALCON ID # 51564

Oilfield Services / Program Performance Specialist

Residential Country : India

Nationality : India

Resume Title : Performance Analyst

Notice Period : 30 Days

## EDUCATION

Qualification	Institute / College /university	Year	Country
B E / B Tech		0000	India

## CAREER SUMMARY

Position	Employer	Country	From Month/ Year	To Month/ Year
General Manager	Essar Oil Limited, Vadinar	India	01/2009	/
Joint General Manager	Essar Oil Limited, Mumbai	India	04/2008	12/2008

## ADDITIONAL CERTIFICATE AND TECHNICAL QUALIFICATION

Name Of The Course	Course Date	Valid Upto	Name Of Organisation
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Current Salary  
(Monthly In Usd): Not Mention

Expected Salary  
(Monthly In Usd): Not Mention

Additional Skills :

Technology: Ethylene, Propylene, Butadiene, MTBE/ETBE/Butene-1, BTX recovery, Py-gas Hydrogenation, Handling of cryogenics, RFCC Reactor/Regenerator, Union fining (UOP)

Equipments: Furnaces, compressors, steam Turbines, Power recovery turbines, expander-compressors, pumps, super- fractionators, Vacuum distillation, Gas Liquid Contactors etc.

Instruments: DCS & PLC (panel operation), Analysers etc.

### Additional Information :

Pre-commissioning and Commissioning:Assisting new plants with operating experience & knowledge in order to ensure successful commissioning and smooth operation of them (VGO Hydro-treater, Refinery Tanks and Gas cracker Ethylene plant). Review of all PFD's, P&ID's, datasheets, cause effect charts, checklists, log sheets, Civil and Piping GAD's etc. Review & approve operating manuals, equipment flushing procedures, tightness testing procedures, plant inertising procedures, dry out procedures, commissioning procedures, start-up and shut down procedures.

Assist & participate in all pre commissioning activities, functional testing, and commissioning & plant equipment final start-up. Coordinate with project team for expansion jobs & carryout plant test runs for performance guarantees. Assist in reviewing process control philosophy, emergency shutdown (ESD) and fire & gas detection systems and ensure operational flexibility for all facilities with interconnecting systems. Review of alarm settings and trip settings of process parameters. Review and approve functional test procedures & witness the functional tests & accept on behalf of the operations department. Prepare punch list of all the systems and follow up to prevent delay.

Production Planning, & Control:Overseeing production related tasks including planning, control and trouble shooting. Setting up production targets and achieve the same within time and cost parameters. Optimising man & machine utilisation to achieve pre-set production targets. Undertaking resource planning for optimizing man & machine utilization, reducing wastes for enhancing productivity and profitability.

Plant operation and process improvement: Rich experience in operation of chemical plants in the hydrocarbon processing industry. Having in-depth knowledge of operation, day to day supervision, monitoring and troubleshooting of the Ethylene plant. More than 10 years of experience in DCS operation (CENTUM-XL, ABB) and tuning of controllers. Carrying out HAZOP study in order to ensure adequate protection for the safety of plant personnel and process equipment keeping plant safety regulations in mind.

Coordinate with external agencies to implement & modify plant operations. Carry out audits for systems and safety in plants. Co-ordinating corrective & preventive action for in-house plant problems and customer complaints. Analyzing various processes / applications and recommending process modifications to enhance operational efficiency. Implementing major cost savings strategies, productivity enhancements and improvements. Ensuring complete in-process quality control & continuous improvement in process capabilities. Foreseeing performance

bottlenecks and taking corrective measures to avoid the same.

**Man Management:**Supervising the performance level of the staff for ensuring accomplishment of the target. Organizing regular periodic meetings & trainings for staff & engineers for discussing current work issues and devising solutions for enhanced operations.

## Employment Scan

Since Jan`09  
Vadinar

Essar Oil Limited,  
General Manager (Process)

Essar Oil Ltd is one of India's largest and most modern refinery (20 MMTPA) being operated in the western state of Gujarat. The company has expanded its refining capacity from 10.5 MMTPA to 20 MMTPA by de-bottlenecking of main process units like CDU/VDU, FCCU/DHDS and VBU and has added new units (DCU,ARU ,SRU,VGOHT,DHDT, HMU) for increasing the complexity(from 6.1 to 11.8) and for value addition.

Role: 1)Involved in De-bottlenecking of FCC Unit for capacity increase from 2.9 MMTPA to 3.7 MMTPA.FCC Unit is licensed by Stone& Webster, Mauritius.

2) Involved as Area Lead for implementation of systems for production of BS-III Grade gasoline scheme.

3) Involved as Area Lead for pre-commissioning & commissioning of VGO Hydro-treater unit.

4) Presently working as Energy Manager of the Refinery

## Notable Contributions

Co-ordination with Process Consulting Services for revamp of FCCU-I Unit.

Preparation of Test packs and maintenance hand over procedures for FCCU unit Columns, Vessels.

Guidance to team members for preparation of system list, system wise activities list & schedule, Manuals, SOPs for pre-commissioning & commissioning.

Review of PFD's, P&ID's, Civil and Piping GAD's in accordance with various standards.

Co-ordination with Engineering and Construction teams for smooth completion for turn-over of Revamp activities and new facilities.

Successful commissioning of BS-III Component and Product Tanks and Blending Automation system.

Test loops, pre-commissioning and commissioning procedures preparation for VGO Hydro-treater

unit.  
Successful commissioning of VGO Hydro-treater unit  
Contract finalization and Execution for Catalyst loading of Hydro-treater units, Chemical cleaning, Amine De-greasing of Process lines and Roto-moling of Process Lines for VGO Hydro-treater unit.  
Completed Energy Optimization study in coordination with M/S KBC.  
Implementation of ISO-50001 for the Refinery

Apr`08- Dec`08                      Essar Oil Limited, Mumbai                      Joint  
General Manager (Process)

Role: Handled the proposed 1.3MMTPA Naphtha Cracker and associated units (NCAU) project for their Petrochemical venture. The project was under award stage for Basic Engineering.

#### Notable Contributions

Conceptual studies to build a petrochemical model for the proposed integrated mega complex.  
Study of Integration aspects of Refinery with Naphtha Cracker and other Petrochemical units.  
Studied the Utilities and Storage requirements for the Proposed NCAU complex; Suggested to the process licensor for re-configuration of steam pressure levels for Cracker Turbines which was accepted.  
Study of technical and commercial proposals of Various Licensors and short-listing of the technologies for the Pyrolysis Gasoline Hydrogenation Unit and Benzene Recovery Unit.  
Discussing the license agreements and finalizing it.  
Preparation of draft design basis, design criteria and other documents for design conference for the Basic engineering package.

May`98 – March`08                      GAIL India Limited (GAIL), PATA                      Senior  
Manager (Chemical)

GAIL is one of India's Premier Navaratna Organisation engaged in Petrochemicals, Natural Gas/LPG Transmission, City Gas Distribution etc.,

#### Role:

Joined GAIL in 1998 as Dy. Manager and worked in the various levels of the Management in the operation and production department of the company. Last position held was Senior Manager Production in the Gas Cracker Ethylene Plant completing 10 years of experience in the operation of the plant and its associated units. Involved in commissioning and operation of Ethylene plants and its associated facilities. Carried out expansion and debottlenecking of the gas cracker plant like commissioning of 5th furnace and 2nd PSA chain. Also was a part of various safety audits in the plant and HAZOP studies of modified and new facilities of the plant.

#### Notable Contributions

Successfully handled the operations of the Gas Cracker Ethylene Plant at GAIL,PATA,U.P  
Successfully completed and implemented the SOP Modules of the Gas Cracker Ethylene Plant at

GAIL, PATA in the year 2007.

Successfully prepared an Emergency Trip action plan for various types of emergencies including furnace trips, Refrigeration compressors trips, and C2H reactor emergencies and a scheme for propylene refrigerant recovery.

Successfully improved the run-length of Furnaces as part of six-sigma team initiative.

Catalyst replacement for C2H and C3H reactors and optimisation of operating parameters was carried out.

Successfully carried out 2 annual shutdowns & start-up of the gas cracker Ethylene plant & also carried out expansion jobs of the cracker plant in the year 2005.

Successfully completed the Pre commissioning and commissioning of the gas cracker cryogenic storage plant, including spheres, double walled storage tanks, HP & LP flares, refrigeration compressors (1999-2000)

5th Furnace and PSA unit commissioning and Pre-commissioning.

Jun'92 – May'98  
Engineer (Production)

SPIC Organics Limited, Chennai

Senior

One of the 2 companies in India manufacturing Propylene Oxide, Propylene Glycols and poly-ether polyols (used for PUF manufacture)

Role: Responsible for the smooth and safe running of process plants with emphasis on safety and reliability

#### Notable Contributions

Has undertaken system development/Graphics configuration of DCS(YOKOGAWA BLUE STAR)  
Has undertaken 3 annual turn-around activities for the whole of the plant.

Involved in ISO 9002 Implementation activities and computerisation of departmental documents