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| **MEHUL ROY**  **House no- 8, PANCHVATI APTS., PANCH BHAI STREET, GHEE KANTA ROAD, AHMEDABAD GUJARAT, INDIA - 380001**  Email: [1187.mehul@gmail.com](mailto:1187.mehul@gmail.com),  Mobile Phone No: 8980801976  Date of Birth: 11 April 1987  Marital status: Married  Languages Known: Fluent in English, Gujarati and Hindi. | **C:\Users\Mehul\Desktop\Scan documents\IMG_20181004_105302.jpg** |

***- CORE SKILLS with 11+ years of experience-***

***Refinery Operation/Gasification/Petrochemical/Upstream operations of crude oil and Gas/Surface treatment/Gas processing ~Terminal Operation ~ Crude Oil ~Expertise in optimum operation of rotating and static equipment.***

***Hands on experience of operations of Petrochemical Product – Caprolactum and By-product- Ammonium Sulphate.***

***Pesticides product Cypermethrin, Permethrin, STAM (Herbicide) and Utilities.***

Seeking an **Operation Management** assignment

Currently working as **Shift Superintendent in Reliance Industries Limited, Jamnagar.**

**Refinery Operations / Terminal Operation/Operation – ONSHORE-OFFSHORE/ Pipeline Ops.**

* A proactive and result oriented professional with **over 11 years** of experience as on date in Terminal / Pipeline operations OHSAS and Environment Management system (ISO 14001:2015) implementation with highly regarded company primarily in the Petroleum sector.
* Strong all round IT skills with demonstrated excellence in utilising SCM and MM Modules of SAP R/3 MM.
* Possesses convincing communication and negotiation skills, a quick learner and adapts effortlessly to changed situations / environments; very effective leadership and interpersonal ability and interacting with customers, officials and colleagues at all levels.

AREAS OF EXPERTISE

**Commissioning and Ready for Start-up activity**

* Successful commissioning of various facilities with documentation according to Jaipur Fire Recommendation. (M B LAL committee).
* Compilation of Punch points and liquidation of same in coordination with construction team in time bound and effective manner by ensuring optimum performance and reliability in line with due safety and environment procedures of organisation.
* Coordination with operation team for trouble shooting of operation issues.

**Petroleum Terminal Operations**

* Overall responsible for Handling Terminal and pipeline operations like Receipt, Storage and supply of Crude through Custody transfer meter (Emerson) and maintaining proper blending ratio as per requisite quality through blender operation (JISKOOT).

Hands on practice for preparation and proof reading of following documents:

* Standard Operating Procedures (SOPs) and its schedule revision with proper format, maintaining, updating and reporting technical reports like Proving Reports and its validation, Pigging Reports, DRA dosing reports, Daily Progress Report, Weekly Progress Report, Monthly Progress Report for facilitating decision making by the management, Action tracking of the Non-Compliance of Audit points for its closure, Management of Change for execution of any modification in facilities in line with safety and technical reliability and Plant Manual.
* Carrying out Joint Proving in presence of representatives from DGH and JV-ONGC.
* Assistance to subordinates & operators for plant shutdown-start-up activities and scheduling.
* SAP activities like **work order notification, Material requisition, Material transfer, process order generation, Permit to Work.**
* Responsible for Process Isolation for shutdown/ preventive maintenance and commissioning activities.
* Handle terminal operations related issues covering aspects like loading / unloading operations of Floating Roof Tanks variety of material including hazardous products like Naphtha, and High Speed Diesel with strict compliance of standard operation practice & HSSE.
* Scheduling and execution of tank/pipe cleaning, grade change over and inter-tank and cross country pipeline transfers in very strict blending ratio achieved zero quality failure.
* As an **Authorized Gas tester** for terminal, scheduled gas testing of Tanks in Vapour and liquid phase for H2S concentration prior to commencement of any Hot Work Permit Job or confined space entry.
* Planning vessel berthing for jetty & SPM for cross country pipeline to Jetty ( 18.5 KM long pipeline).
* Hands on experience of Tank Maintenance & inspection activity followed by thorough checking, Blasting, and Painting hand over for box up and to take in service through series of tests.

**Compliance (HSE & ISO) / Quality**

* **Certified EMS lead Auditor (14001:2015)** by BUREAU VERITAS.
* Team member of **Incident investigation** and **Internal audit** across sites.
* Implementation and Compliance of **PTW system** with utmost care in field with proper documentation, carrying out audit of Permits, **Certified by organization as an Area and Issuing Authority.**
* Keep track of notifications, Safety Alerts, procedures, rules and guidelines and policy matters pertaining to the area of operations.
* Implementation and follow up of HSE regulations like HAZARD Identification and RISK Assessment, Aspect and Impact documentation, Management of change, PFDs, P&IDs updating to check compliance and monthly analysis for review as per OISD standards.
* Acting as Incident controller, forward controller in case of Emergency or during Onsite and Offsite Mock drills.
* **HAZID, HAZOP** review for upcoming facilities or for any modification of existing facilities and strict monitoring and compliance of SIMOPS and MOCs procedures.
* Hands on experience of **PHAST software by DNV GL version 6.7 for dispersion modelling.**
* Achieved maximum involvement of Team members in HSSE compliance through proper training and active involvement in **Observation program, TOOL BOX TALK, SAFETY WALK, NEAR MISS reporting** etc.
* Monitor adherence to ISO quality systems and maintain requisite documents; implement stringent quality control systems to enhance quality of products.

**Team Management**

* Lead, motivate and monitor the performance of team members to improve efficiency in Terminal operations understand the ground realities faced and assist in meeting individual / group targets.
* Impart / organise training programs for new recruits, identify areas of possible improvement and arrange training accordingly to achieve planned business and operational targets.
* Coordinating member to set their Goal in line with short and long term vision of organisation. Mid- year review and yearly review of level of achievement of Goals and assessing by calibration meeting with HR team and Field General Manager.

**Store & Supply chain Management**

* Oversee the Inventory management of consumable store including **ABC analysis** and optimum utilisation of store, **implementation of 5S concept** to create healthy & love to work environment
* Execution of store function covers material coding, inventory management, stacking, receipt, issue documentation of relative activities like good receipt note, raising PR, stock maintaining through SAP R/3.

PROFESSIONAL EXPERIENCE

**Reliance Industries Limited ( Dec-2018 to till Date)**

**Shift Superintendent – Jamnagar.**

The Jamnagar manufacturing division is the world's largest refining hub. With crude processing capacity of 1.24 million Barrels Per Stream Day (BPSD), It also enjoys the distinction of housing some of the world's largest units, such as the Fluidised Catalytic Cracker (FCC), Coker, Alkylation, Para xylene, Polypropylene, Refinery off gas (ROG) cracker and Pet coke gasification plants. This refinery has a capacity for processing 580,000 BPD of crude.

Career Path

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| **Designation** | **Location** | **Period** |
| Shift Superintendent | Jamnagar | Dec-18 - till Date |

**Responsibility Outline**: Overall responsible for **shift operation and maintenance**. Facilities includes High Pressure (50 bar) **Gasifier Reactor**, **High Temperature Heat Recovery** (producing HHP steam – 135 bar), **Syn Gas Compressor**, Liquid Ring Compressor, **Implementation of Operation Management System** **( In line with British Petroleum Standard)**, JSA (8X8) matrices, Team member of Internal audit team across the sites. Process Intensification – **Suggestion and improvement in existing system by modelling over ASPEN and HYSYS.** Suggested Packing modification and Feed orientation in Tar Removal Drum. HAZOP and Dispersion modelling study for Hazardous Area Classification as well as provide input to Insurance Auditors

**Cairn India Ltd ( Sept-2013 to Dec-2018)**

**Sr.Production Engineer – Radhanpur Terminal.**

In India, Cairn India is one of the biggest private exploration and production companies currently operating in the India. In Rajasthan, Cairn India operates Block RJ-ON-90/1, Cairn India Ltd made the world’s longest continuously heated and insulated pipeline in june-2008 ( 670 km long)

Cairn Presently produce 1,75,000 bopd which is more than 30% of India’s Oil production.

Career Path

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| **Designation** | **Location** | **Period** |
| Senior Production Engineer | Radhanpur Terminal | July-2016 to till Date |
| Production Engineer | Radhanpur Terminal | Sept-2013 to June-2016 |

**Responsibility Outline**: Solely responsible for Overall operation of Crude Tank farm, Pipe line Operation, finalisation of Sales figure- Ticketing, Planning, Control Room Operation (DCS and SCADA) PTW system compliance and auditing. Pigging operation, DRA Injection and other non-routine jobs. Certified Issuing Authority and Area Authority for Terminal and associated AGI for Radhanpur Terminal. Management of change coordinator for safe implementation. Team member of Incident Investigation and Internal Audit across the sites. Authorised Gas Tester of Site. Daily and Weekly job planning coordination with Maintenance team.

**GUJARAT STATE FERTILISERS AND CHEMICALS LTD (May 2010 to Sept-2013)**

**Plant Engineer – Operation, VADODARA (Gujarat)**

Gujarat State Fertilizers & Chemicals Limited (GSFC) is an [Indian](https://en.wikipedia.org/wiki/India) manufacturer of [fertilizers](https://en.wikipedia.org/wiki/Fertilizer) and Industrial Chemicals, It manufacturers plastics, nylons, fibre’s, industrial gases and varied chemicals including [urea](https://en.wikipedia.org/wiki/Urea), [ammonia](https://en.wikipedia.org/wiki/Ammonia), [ammonium sulphate](https://en.wikipedia.org/wiki/Ammonium_sulfate), [sulphuric acid](https://en.wikipedia.org/wiki/Sulfuric_acid), [phosphoric acid](https://en.wikipedia.org/wiki/Phosphoric_acid) & [ammonium phosphate](https://en.wikipedia.org/wiki/Diammonium_phosphate), Caprolactam, Melamine, Methanol. GSFC is having state of the art facility of Caprolactum.

~ ***Process Licensor* BASF Germany and ~ *Technology provider* UHDE India LTD.**

Career Path

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| **Designation** | **Location** | **Period** |
| Plant Engineer – Operations | Vadodara | May’ 2010 to Sept-2013 |

**Responsibility Outline**: Hands on Experience of Exothermic process and operation of equipment like **Loop Reactor (Technology – UHDE INDIA LTD**.) Oxime Drying Column, Extraction Column, Anone Stripper ,Static Mixer- Nozzles, Plate Type Heat Exchanger, Neutralisers and Crystalliser, Pusher Centrifuge, Vapour Absorption Heat Pump – Thermax Ltd., Ammonium Sulphate Vacuum Absorption Column, Scrubbing system. Operation and Monitoring of facilities from DCS Start UP – Shutdown, Carrying out maintenance and preparing shutdown schedule. Troubleshooting and optimum operation of facility.

***Key Accomplishments***

* Smooth & Safe operation for achieving production target, Troubleshooting, Start-Up & Shut Downs of plant & Utilities from DCS (**YOKOGAWA CENTUM VP**), production optimization and safe emergency handling of all associated process units. **Team member for loop checking, troubleshooting while upgrading from CENTUM XL to CENTUM VP operation of DCS system by YOKOGAWA.**
* Experienced in shutdown activities like **Tank Cleaning,** **Heat Exchangers Cleaning, Tower Washing, loading/unloading of Tower Packing’s (in absorbers, strippers etc.),** **Dilution activity of Crystalliser and recrystallization activity,** Replacement of Pt. /Rh gauze of furnace, Process Isolation and De-Isolation of all equipment for maintenance.
* Hands on practice for preparing following documents:
* SOPs, Work Instructions for different process operations and maintaining technical reports for facilitating decision making by the management.
* Implementation and follow up of HSE regulations like Work to Permit System, HAZARD Identification & RISK Assessment, Aspect and Impact documentation etc.
* Process data logging, monitoring and equipment performance analysis.

***Achievements:***

* ***Appreciated by management for loss prevention for timely controlling parameter and preventing Run away reaction of the intermediate product (Rearrangement Section)***

**UPL LTD formerly known as United Phosphorus LTD (July 2008 to May-2010)**

Indian Based MNC diversified over 140+ countries with businesses in the Total Crop protection. Manufacturing involves generic as well as formulations. It became a Billion Dollar Company, with aggressive acquiring in India and abroad.

Career Path

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| **Designation** | **Location** | **Period** |
| Management Trainee | Vapi – Gujarat | July – 2008 to Dec-2008  (6 months) |
| Plant In-charge | Vapi - Gujarat | Jan - 2009 to May 2010 |

**Responsibility Outline**: Continuous Stirred Tank Reactor, Falling Film Downtherm - A Distillation column, Scrubber for Environment regulation Screw compressor and cooling tower. Control Room Operations, Raw material Planning, Product Inventory Management, Cost Control, Proposal Erection and Commissioning of the Plant and Modification of existing pipeline and according to Products as per market demand, Distribution Management, Team Management, Process Improvement / Operation Performance Analysis, Cross Functional Coordination.

***Key Accomplishments***

* Smooth & Safe operation, troubleshooting, start-up & shut downs of Plant & Utilities.
* Production optimization & safe emergency handling of all associated process units along with the responsibility of many distinctive project related assignments.
* Prepared Safety documents like HIRA, Aspect and Impact of register.
* Preparation of PFDs and P&IDs according to plant modification and reviewing for approval for entire Vapi-Unit.
* SAP activities like Work order notification, Material requisition, Material transfer, Process order generation and posting.

***Achievements:***

* Carried out scale-up study of product intermediate for **yield improvement and implemented successfully.**
* Act as **single point co-ordinator for preparation of PFDs, P&IDs** and carried out audit for compliance of different process plants of whole Vapi-Unit of United Phosphorus Ltd.
* Active member in implementation of Integrated Management System at Vapi-Unit of United Phosphorus Ltd.
* Participated in External audits held by BVQI.

ACADEMIC QUALIFICATIONS

* B.E from L.D.College of Engineering, Gujarat University 2008 with **Distinction**
* Post Graduate Diploma in Operation Management from Symbiosis University in 2013 with **Distinction.**
* Certified - Six Sigma Yellow Belt
* **Pursuing Project Management** from Project Management Institute.

VARIOUS TRAININGS

* **Certified Lead Auditor for Environment Management System (14001:2015) by BUREAU VERITAS.**
* **Terminal and Interface Operations** - In house training by Cairn India Ltd.
* **Effective Communication and Interpersonal Skills** – Dale Carnegie Institute
* **Authorised Gas Tester** - MSA
* **Basic Fire Fighting Systems** by ONGC**.**
* **Basic First Aid** by St. John's Institute**.**
* **Inspection and safety of Mobile Cranes and Lifting tools and tackles.**
* **Defensive Driver Training by IRTA** (Indian Road Traffic Association).
* **Operation in oil and gas sector for Upstream section.** by John M.Campbell.(PETROSKILLS)
* **Pigging Operations**
* **Office Ergonomics**
* **Du Pont Behaviour Based Safety**
* **Advanced Fire Fighting Course** - One Week Advance Fire Fighting training at IPSHEM-ONGC GOA.
* PERSONAL INTEREST

*Interest: Reading Inspirational and Spiritual Books, Cycling and Learning Guitar.*

* References:

1. ***Mr Manoj Patel – Superintendent- Terminal Operations, Cairn India Ltd.***

***Mobile .No: -. 8980801974***

1. ***Mr Ravi S. Erande – Vice President (Gujarat State Fertiliser and Chemicals Ltd.)***

***Mobile .No.: - 9909994095***

1. ***Mr Gaurang Nadiyadara -Deputy Manager (Gujarat State Fertiliser and Chemicals Ltd.)***

***Mobile No.: 8128662994***