**Professional Summary**

* **4 years** of experience in Operation, Troubleshooting, , Installation, ,on the job training activities and Emergency Response in **Gas &Petrochemical/Refinery** plants in **India** and **Overseas**.
* Currently working with **M/S Weir Engineering Service FZCO in U.A.E.**
* **As a Engineer.** Demonstrated excellence in new machine commissioning/maintenance preparation/Decontamination, Resourceful at strategizing techniques for maximum utilization of manpower/machinery. Maintained safety measures in the industrial premises. An effective communicator with excellent interpersonal and relationship skills.

**Core Competence:**

**Production / Process Planning:**

* Overseeing production related tasks including planning, control and troubleshooting & inventory control management
  + Setting up production targets and achieve the same within time and cost parameters.
  + Optimizing man & machine utilization to achieve pre set production targets.
  + Developing new process concepts for production optimization, yield improvement and developing guidelines for the sequencing of manufacturing activities.
  + Efficient management of shift operations.
* Preparing and maintaining various documents and reports for the smooth running.
* Quality and Quantity Analysis. Lab analysis. Purity ,Dew Point, cylinder Pressure, etc.

**Safety Aspects:**

* Aware of necessary safety precautions and permit system, while handling hazardous chemicals.
* Fire fighting, hydrant system, fire monitors, various types of fire extinguishers, alarm system, sprinkler with deluge valve, gas detectors and PPE etc.
* Attended various safety-training programs in national level, participate group safety meeting, emergency drills, exercise and action safety.
* Effective communication and strong inter personal skills, create team sprit team working environment, and can adopt any kind of environment .

**Career Features:**

**Organization: Weir Engineering Services Fzco Duration: May 2009 - Till date**

**Designation: Planning Engineer**

**Organization: TIJD Joint Venture company - Phase 6 7 8 Duration: Feb 2009-May2009**

**Iran.**

**Designation: Process Field Engineer/ Operator**

This plant is one of the major gas production plant Gas dehydration unit, NGL Extraction, NGL Distillation, LPG Recovery and etc….

**Organization: Carbonic International Fzco Duration:** April 2007-Jan -2009

(Jebel Ali free zone, UAE)

**Designation: Shift Engineer**

This plant is 16 tons / day Dry ice Production Capacity and supply to all over the UAE.

Working in various units like **Revert Recovery System(RRU),Compressor, liquefier. etc**

**Organization: Inox Air Products Ltd**. **Duration: July** **2006-march 2007**

(Chennai- India)

**Designation: Trainee Engineer**

This is one of the largest industrial and specialty gases manufactures and suppliers in India. It is a well established organization with Air separation, compressors, absorbers, chiller, storage tanks scrubbers, purifier, and reactors etc.

**Organization: Chennai Petroleum Corporation ltd Duration: June 2005-may 2006**

Chennai- India)

**Designation: Project Trainee**

This is a largest Refinery in the public sector in India 10.5 MMTA Capacity, Production various distillates with FCCU, Fractionators, Heat exchangers, Distillation Columns, and Reactors etc..

**Operations Preview across assignments:**

* **Reactors:** Batch, Continuous, Catalytic, Non-catalytic, Exothermic, Endothermic, Fluid Bed, Titanium Lined.
* **Reformer:** Naphtha – Steam Reformer, Fixed Bed Plat former.( Involved in Reformer tube catalyst charging by canvas sac technique.)
* **Furnaces:** Liquid &gas fired**,** Natural, Forced and induced draft, Bottom Fired with Heat Recovery Systems (Operation and trouble shooting)
* **Distillation columns:** Batch, Continuous, Atmospheric, Vacuum, Plate, Partial / Total side draws, Extractive,
* **Heat Exchanger/Condensers:** Shell and Tube, Plate, Jacketed, Double pipe, Single and Multipass, Steam generators, With Falling & Raising films, Finfan coolers.
* **Evaporator & Concentrators**/**Crystallizer:** Double Effect, Triple Effect, 4 stage, forward and Reverse Feed, Pressure and Partial Vacuum with forced Circulation.
* **Pumps:** Centrifugal, Positive Displacement, Reciprocating, Rotary, Metering, Pneumatic, Water Ring Vac. Pumps, Multistage, Magnetic, Diesel Engine Driven.
* **Oil & Gas Field Eqpts:** 3 phase/2 phase separators, (convensional,flash tank separator-condenser) Heaters, Chemical Inj Systems (Demulsifier, Antifoam, PPD, Descaler, Scale inhibitor, Corrosion Inhibitor), Smokeless Flares, Fuel Gas system.
* Different types of Centrifuges, Driers, Scrubbers and Sieves.
* **Compressors/Blowers:** Operation & trouble shooting of**-** Centrifugal, Reciprocating, Slidingvane,Screwtype,Suc.ControlledwithAntisurgeControlsystem,Propylene/Propylene-oxide/Hydrogen/Hydrocarbon gas Compressors, Multi stage air compressor
* Steam systems, Feed water, condensate rvy, Waste Heat recovery sys, Absorbers, Absorbers, Conveyor and malts. Handling systems, Cooling water and DM Water plants, Inst air/plant air with drier systems. Different types of driers, Filters, Bagging units, Closed/Open Drip Recovery Systems, Treatment plants, Refrigeration & vapour recovery system, , Liquid N2 storage Units, Air Separation Units, PSA Units.
* **Hydrocarbon storage:** Well versed in the operation of **Floating roof** (pontoon/pan type) storages.-sampling and metering. **Pressurised storages**: Bullets/spheres-LPG, Propylene, Propylene oxide, Ethylene oxide, Chlorine. Storage of Hydrocarbon with Nitrogen blanketing, Closed sampling system.
* **Catalysts/Packing Materials:** COMOX,(HDT),Pt-Re(platformer)-(UOP-tech), Pt-Zrsulphate(Isomerisation)-(UOP-tech),V2 05 Silver, Copper, Nickel, Palladium, Activated alumina, Carbon, Molecular sieve, Chromium Oxide, Ferrous Oxide, Zinc oxide, Zeolite.

**Technical**

**Qualification B.Tech** Anna University, Chennai. India

Chemical Engineering **First Class, 72%**

2002 Department of Technical Education

**D.C.Tech** Government of Tamilnadu, India

Chemical Technology **First Class with Honours, 86%**

**Paper** 1. Presented a paper on

**Presentations** “**Controlling Of Distillation** **Column by Using Simulation**” in a National level Symposium held at Annamalai University, in Tamilnadu.

2. Participated in a National Seminar on

“**Total Quality Management”** held at

Arunai Engineering College, in Tamilnadu.

**3.**Partcipated in a **HACCP** course in **JAFZA** at Dubai.

**Software** Ms Office, Ms Project.

**Personal**

**Information**

**Date of Birth** 01.05.1982

**Languages** Tamil, English, Hindi

**Passport No** G 0651840

**Marital Status**  Unmarried



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