**Kirtikumar Jadav (Process Engineer – 2.1 yrs exp.)**

Permanent Address: Temporary Address:

1610/16, Nirmal Nagar Soc., 32, Upvan Society,

Nr.Hariganga, Gamadi, B/h.Ayodhya Nagar Society,

Anand (388001), Gujarat. Vadodara (390018), Gujarat.

Call :( M) 846 00 94 330 E-mail:ktjadav@gmail.com

**My Core Values**:

* **Commitment**: I do things whole heartedly.
* **Excellence**: I continuously do improvement to achieve best possible standard.
* **Honesty and Integrity**: I mean what I say and do what I mean.

**Objective**:

Seeking a position in a chemical engineering establishment company where my ability to develop and innovate new processes using technologies available to enhance the efficiency of production. So that my institute achieves its desired goals/targets.

**Proficiency Acquired In:**

* Operating and handling all process equipments and implementing the Ability to transfer a lab scale reaction to plant level by successive trials at pilot plant.
* Auto CAD 2012, MS Office and Excellent verbal communication in English language.
* principles of chemical engineering.

**Educational qualification:**

* **B.E.** (**Chemical Engineering**) with **first class with distinction** with **70%** in **2013** from **Dharmsinh Desai University**, College Road, Nadiad, Gujarat.
* **HSC** with **first class** in science stream in 2007 from **G.S.H.S.E.B**.
* **SSC** with **first class with distinction** in 2005 from **G.S.H.S.E.B**.

**Work Experience: (2.1 years)**

**Currently working as an Executive Process Engineer at Paushak Ltd.**

**Paushak Ltd.,Panelav., Gujarat. Jan 2014 – up till now**

* **Scale up** of TBCHCF (Tertary Butyl Cyclo Hexyl Chloroformate )
* **Designing of** 200TPM plant of EHCF continuous plant with scrubber design.
* Having experience of developing the process by changing process parameters in lab and **converting a lab process to pilot scale and then to plant level.**
* Experience of working in **Brownfield expansion** of phosgene plant at Paushak Ltd. as a process engineer under the project of “Phosgene Expansion”.
* **Pump, Scrubber** and **Line size designing.**
* **P&ID reading, PBD & PFD** making ability.
* Complete knowledge of **mass and energy balance**.
* **Insulation** implemented for coast saving through heat loss.

**Jay Chemical Industries Ltd., Gujarat. February 2013 – March 2013**

* Here I studied all the unit operations and processes in the industry.
* Also learned Ice plant, Effluent Treatment Plant, Spray Dryer and Direct HAG System and Black B Plant.
* The project report upon “**Black B Dye**” was made as the partial fulfillment towards degree.

**TML Industries Ltd., Bharuch, Gujarat. December 2012 - January 2013**

* Here I underwent two months industrial training in Spray Dryer Unit where I had gone for material and energy balance of the Spray Dryer Unit and The HAG System.
* Operated both **DCS systems** of **Spray Dryer Unit and The HAG System.**
* Energy optimization through successive calculations of both spray dryer unit and the HAG system.

**Projects:**

|  |  |  |
| --- | --- | --- |
| **Title** | **Organization** | **Duration** |
| **Black B Dye** | JCIL,Ahmedabad. | February 2013 to March 2013 |
| **CMCF** (Chloro Methyl Chloro Formate ) | Paushak Ltd., Panelav. | March 2014 to May 2014 |
| **Lovastatin** | Alembic Ltd.,Baroda. | June 2014 to August 2014 |
| **EHCF** (Ethyl Hexyl Chloro Formate ) | Paushak Ltd., Panelav. | August 2014 to October 2014 |
| **TBI** (Tertary Butyl Isocynate ) | Paushak Ltd., Panelav. | November 2014 to December 2014 |
| **TBCHCF** (Tertary Butyl Cyclo Hexyl Chloro Formate) | Paushak Ltd., Panelav. | May 2015 to August 2015 |

**Area of Interest:**

* Process design and development
* Process equipment design

**Co-curricular Activities:**

* A training programme on “**Safe material Handling & transportation**”, “**fire fighting**”, “**First aid**” conducted by rural development society in association with directorate of Industrial safety & health, Gujarat state dated January 10, February 15 and April 7, 2014.
* Participated in NU Tech, a tech fiesta organized by the Nirma University, Ahmedabad, Gujarat.
* 7 days **adventure course** on rock climbing organized by **Pandit Dindayal Upadhyay Mountaineering Training Center**, Girnar, Junagarh, Gujarat.
* 10 days **basic course** in rock climbing organized by **Swami Vivekananda Mountaineering Institute**, Mount Abu.

**Personal Detail:**

|  |  |
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| Date of Birth | December 14, 1989. |
| Languages Known | Gujarati,Hindi,English,Marathi. |
| Marital Status | Unmarried |

**Declaration:**

I hereby declare that above information given is true to the best of my knowledge.

Kirtikumar Jadav.