

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

Permanent Address:

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Temporary Address:

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### **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 (Tertiary 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:**

<b>Title</b>	<b>Organization</b>	<b>Duration</b>
<b>Black B Dye</b>	JCIL,Ahmedabad.	February 2013 to March 2013
<b>CMCF</b> (Chloro Methyl Chloro Formate )	Paushak Ltd., Panelav.	March 2014 to May 2014
<b>Lovastatin</b>	Alembic Ltd.,Baroda.	June 2014 to August 2014
<b>EHCF</b> (Ethyl Hexyl Chloro Formate )	Paushak Ltd., Panelav.	August 2014 to October 2014
<b>TBI</b> (Tertiary Butyl Isocynate )	Paushak Ltd., Panelav.	November 2014 to December 2014
<b>TBCHCF</b> (Tertiary 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:**

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.