

V.Manikandan



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Chennai, India



Objective

To launch my career in a conducive environment where I could learn & apply technologies and explore my interpersonal skills. It should help me to realize my potential with job satisfaction.



Education

Diploma in petrochemical engineering

CPCL Polytechnic College
Directorate of Technical Education
Manali, Chennai

Graduated, July 2020
Marks 78%
First class with distinction

10TH

Amala Annai Matric School
State board of school examination
Ponnamaravathy,

Passed July 2017
Marks 81%



Work Experience

1. As an **OFFICER (Production)** in **Jesons Industries Limited** (Synthetic Adhesives, Vinyl Acetate & Acrylic Emulsions) From **April-2022** to till now.
2. As a **Production Operator (Trainee)** in **Dow Chemical International Pvt Ltd** Chennai works from **December-2020** to March -2022.

SUMMARY:

- ❖ **1.5+ years** of experience in chemical & Coatings Industry.
- ❖ Handling highly inflammable, toxic and hazardous raw materials like BA, MMA, Styrene, VAM, DOM and Nitrogen in gaseous and liquid forms.
- ❖ Safety training in the field of Fire Handling of Hazardous Chemicals, SCBA Handling and Handling Of PPE's training given.
- ❖ Safe handling of Hazardous raw materials and Housekeeping of the plant.
- ❖ Operating plant by DCS to obtain desired product. Handling hazardous chemical to know by its MSDS.
- ❖ Executing hazard study process along with hazard identification.
- ❖ In process sample testing like Solids, Gel, Ph, Viscosity & monomer analysis.
- ❖ Follow the 5s principle and GMP.

Responsibilities in Jisons Industries Limited:

- ❖ Operating the plant by SCADA without deviating SOP and Safety.
- ❖ Managing the Raw material stocks for upcoming batches.
- ❖ Reporting Equipment Issues to Maintenance and Follow up.
- ❖ Monitoring Cooling Tower and Performing Blow Down of Cooling Tower Reservoir.
- ❖ Initiating Permits for Confined Space Entry permits and Air Monitoring Periodically.

Responsibilities in DOW Chemical's International Private Ltd:

- ❖ Responsible for Production Operation, monitor process parameters and correct the deviations and also responsible for optimizing process conditions to get the desired yield and quality of the product.
- ❖ Operating the plant by DCS without deviating SOP and Safety.
- ❖ Drum or IBC Pack out filling startup.
- ❖ Managing the Raw material stocks for upcoming batches.
- ❖ SAP access for Raw material as well Product movement in the plant.
- ❖ Handling tank farm operations (Loading and unloading of all raw materials & Products).
- ❖ Safe handling of Hazardous raw materials and Housekeeping of the plant.
- ❖ Hot Caustic Tank for using plate heat exchanger, reactor and drain tank Cleaning.
- ❖ Ensuring “**One Plus**” Safety Standard before Handing over Equipment for Maintenance.
- ❖ In process sample testing like Solids, Gel, Ph, Viscosity.
- ❖ Conduct BBP (Behavioral Based Performance) for identifying job related issues.

EQUIPMENTS HANDLED:

- ❖ Pumps : Centrifugal Pumps, Lobe pump, Gear pump, Air operated diaphragm Pump.
- ❖ Reactor : Batch reactor (stainless steel).
- ❖ Column & Vessel : Condensers, scrubber, foam separators.
- ❖ Heat Exchanger : Plate and frame heat exchangers.
- ❖ Safety devices : VPRV, Flame arrestor, Rupture disc, PSV.



Industrial Visit

- ❖ Industrial visit at **LADCO GALVANIZER PVT**, Gummidipundi.
- ❖ Industrial visit at **KCP ENGINEERING PVT LTD**, Chennai.
- ❖ Industrial visit at **CIPET**, Chennai.



Skills

- ❖ Certificate from **INDUSTRIAL FIRE AND SAFETY**, at SP Institute, Chennai.
- ❖ Certificate from **SOFT SKILL TRAINING**, at Mahindra Pride Class Room, Chennai.



Computer Proficiency

- ❖ Basic operating Knowledge
- ❖ MS office
- ❖ AUTO CAD



Project

- ❖ Sketching sensor with conducting polymer pen.



Personal attributes

- ❖ Decisive & Calm under Pressure
- ❖ Performance-Focused
- ❖ Ability and willingness to learn new things
- ❖ Effective Communicator
- ❖ Growth-Oriented
- ❖ Collaborative and Proactive



Languages

- ❖ English
- ❖ Tamil



Personal Details

- ❖ Date of Birth: 01 May 2001
- ❖ Father Name: Mr. SP.Vellaisamy
- ❖ Gender: Male
- ❖ Nationality : Indian
- ❖ Address : 10/40 Jothinagar
1st street, Chitlapakkam
Chennai-600064

Declaration

I here by declare that the information contained herein is true and correct to the best of my knowledge and belief.

Date:
Place: CHENNAI

Best Regard's

V. Manikandan

