

# Curriculum Vitae

## Mohammad Irfan Alam (Chemical Engineer)

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## OBJECTIVE

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To contribute to a progressive organization by delivering my technical, innovative and logical skills and to obtain a creative and challenging position in the organization which gives me an opportunity for self improvement and leadership.

## EDUCATION

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- **B. Tech In Chemical Engineering** with an aggregate of 67.26% from Shaheed Bhagat Singh College of Engineering and Technology affiliated to Punjab Technical University, Jalandhar in the year 2015.
- Higher senior secondary with an aggregate of 60.40% from Govt. Boys Sen. Sec. School, Ludhiana affiliated to Punjab State education Board in the year 2011.
- Matriculation with an aggregate of 74.80% from Govt. Sen. Sec. School, Ludhiana affiliated to Punjab State education Board in the year 2009.

## Career Summary

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- A dedicated Chemical Engineer with 3+ Years of Industrial work experience.
- Good knowledge of Field operation and Process control.
- Thorough knowledge of Ammonia and Urea manufacturing Plant.
- Versatile and result oriented individual with thorough knowledge of Petroleum, Polymer, Rubber processing and Tyre manufacturing.
- A persistent Performer skilled to number of high level tasks with efficiency and effectively.

## Work Experience

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- Performing as a Technical Officer in Quality and Technical department at Ralson (India) Limited since August 2016 to till present.

### Responsibilities:

- Maintaining plant as per standard operating conditions.
- Responsible for evaluating existing processes and configuring manufacturing systems to improve quality, sustainability and develop best practices within the production process.
- Maintain reliable and safe manufacturing systems while improving production rates, efficiencies, yields, costs and changeovers.
- Improve process capability and production volume while maintaining and improving quality standards.
- Prepare samples for study, Perform shrinkage and strength testing, Collect, record, and transcribe data.
- Develop and implement systems that optimize all phases of production process.
- Provide suggestions during incident investigations.
- Advise on corrective actions.
- Work with equipment designers and manufacturing officers to develop a cost-effective and working production process.
- Ensure projects are completed on time.

## Project Undertaken

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- Overall study of **Reforming** section in **Ammonia Plant** at **National fertilizers Limited**, Vijaipur.
- Analysis of propane refrigeration unit and study the naphtha losses at loading gantry, **Gail (India) limited**.
- Overall study of **Urea** and **Ammonia** Manufacturing Process at **National Fertilizers limited**.
- Comparative study of **Esterification** of **acetic acid** with **primary alcohol** using **ion exchange resin**.
- Study of overall **Fabric Calendering process** for tyre carcass for Auto tyre through Comerio ercole at Ralson (India) Limited.

## Strengths

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- Adaptability.
- Team Work.
- Optimistic.
- Honesty.

## Reference:

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- References available upon request.

Date: Feb 10, 2020

Mohammad Irfan Alam