

# Syed Muhammad Hamza Raza Zaidi

## Chemical Engineer

Seeking career advancement position in order to assist in ensuring maximum workplace safety and product quality by utilizing extensive experience for optimizing production procedures.

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## WORK EXPERIENCE

### Internee

#### DIC LTD Pakistan

08/2018 – Present

Lahore, Pakistan

DIC Pakistan is a largest ink manufacturer, brings the highest standards of quality goods, innovative technologies and customer service to printers

#### Achievements/Tasks

- Production procedure and mechanism of water, oil and solvent based ink.
- Raw material handling and testing before production, Quality control of all three type of inks testing includes particle size, consistency, viscosity, clarity, shade, gloss, odor, pH, scratch and adhesion.
- Design of mixer of capacity 2000 Kg for varnish manufacturing.

### Internee

#### Bulleh-Shah Packaging LTD

06/2016 – 07/2016

Lahore, Pakistan

Bulleh Shah Packaging is largest paper and board producer of Pakistan. Quality product includes white writing paper & various board mainly LPB.

#### Achievements/Tasks

- Observed machine operation of PM-6.
- UBKP refining analysis in LPB find relationship between Bone dry flow & specific energy.
- Determine effect on SR by changing in flow while keeping load constant.
- Study of Top layer fiber orientation optimization, Impact of different speed difference on fiber angle, Zero point determination, Edge module impact on fiber orientation.

## EDUCATION

### Bs. Chemical Engineering

#### COMSATS Institute of Information Technology.

09/2013 – 09/2017

Lahore

#### Courses

- Petroleum Refinery Engineering
- Petro-chemical Engineering
- Polymer Engineering

### Intermediate (FSC per-engineering)

#### Divisional Public School & College Sahiwal.

09/2011 – 08/2013

Sahiwal

## SKILLS

Microsoft Office Suite

Aspen Hysis

MATLAB

Analytical skills

Target Oriented

Self-Motivated

Good decision making skills

Friendly Behavior

strong interpersonal communication

Leadership

handling Work Pressure

Problem solving

## PERSONAL PROJECTS

Production of Cyclo-hexanone by phenol hydrogenation. (09/2016 – 05/2017)

- cyclo-hexanone is a petrochemical product mainly produced by hydrogenation process of phenol. process include both endothermic and exothermic reaction separately, plant is designed according to reaction condition, material and energy balance is applied to overall system, cost analysis is done to estimate product worth in Pakistan.

Simulation of Ethyl acetate plant from ethanol and acetic acid by using ASPEN PLUS (02/2016 – 01/2017)

- Basic knowledge of Aspen plus and reactor design according to system given. overall heat recovery and mass transfer throughout the plant.

## LANGUAGES

English



Urdu



Punjabi



## INTERESTS

out door gaming

gyming

poetry

book reading