



PEC Registration Number: CHEM/10640

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<b>EDUCATION</b>	POST GRADUATION MASTER OF ENGINEERING (CHEMICAL)	<i>From Aug-2013 to Jun 2016</i>
	From NED University of Engineering and Technology Karachi. <b>CGPA - 3.14</b>	
	GRADUATION BACHELAR OF ENGINEERING (CHEMICAL)	<i>From Feb-2008 to Jan-2012</i>
	From Dawood College of Engineering and Technology Karachi. <b>CGPA - 3.43</b>	
	INTERMEDIATE HSE (PRE - ENGINEERING)	<i>From Aug-2004 to Aug-2006</i>
	From Board of Higher Secondary Education, Hyderabad.	
	MATRICULATION SSC (SCIENCE)	<i>From April-2002 to July-2004</i>
	From Board of Secondary Education, Hyderabad	

<b>EXPERIENCE</b>	ASSISTANT PROFESSOR	<i>From March-2018 to present</i>
	Working experience in NED University of Engineering and Technology, Karachi.  <b>Department:</b> Food Engineering	

	SHIFT ENGINEER	<i>From Sep-2015 to March-2018</i>
	Working experience in Tufail Chemical Industries Private Limited, Port Qasim Industrial Area Karachi.  <b>Main Units:</b> Sulphur trioxide Unit. LABSA 96% Production Unit. Sulphuric Acid Production Unit  <b>Controlling System:</b> DCS <b>Main Product:</b> Linear Alkyl BenzeneSulphonic Acid (LABSA) 96%, Sulphuric Acid 99%	

**Main Equipment:**

Multi tube falling film Plug flow reactor, Double pipe heat exchanger, Shell and tube heat exchanger, Absorption column, Pack Bed Reactor, Compressors, Refrigeration system, air dehumidification through silica gel and ceramic bed.

SHIFT ENGINEER

*From May-2012 to Aug-2015*

Working experience in Gamalux Oleo-Chemical Private Limited, Port Qasim Industrial Area Karachi.

**Main Units:**

Fatty Acid Splitting Unit.  
Fatty Acid Distillation Unit.  
Glycerin Distillation Unit.

**Controlling System: DCS**

**Main Products:** Free Fatty Acid and Glycerin.

**Main Equipment:**

High Pressure and temperature Plug Flow Reactor, Expansion vessels, Double pipe and shell and tube heat exchangers, Dryer, Circulatory vertical thermo-syphon Reboiler, Vacuum Distillation Column, Kettle Reboiler, Multi-jet Vacuum System.

**PROJECTS**

Installation of Economizer in Thermic Heater in order to increase its efficiency.

*From Feb-2013 to March-2013*

**Contribution:**

Mass and Energy Balance Across the Thermic Heater.  
Calculation of Thermic Heater Efficiency.  
Economizer Sizing Calculations.

Installation of Condenser in order to minimize the losses.

*From Sep-2014 to Dec-2014*

**Contribution:**

Condenser Sizing Calculations.

Caustic Dosing Line Modification

*From Jun 2016 to July 2016*

**Contribution:**

Pressure drop offer by old line.  
Line modification sizing according to the installed pump.

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**INTERNSHIP**

**One month internship in Chemical Process Department in Kunner LPG Plant, Oil Field Tandojam.**

During the internship trainings I have got the demonstration and practical exposure of the following.

- Dehydrating unit.
  - Three and two phase separation system.
  - Refrigeration/Recycle/Re-injection compressor package.
  - Stabilization Unit.
  - LPG recovery units.
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**REFERENCE**

Will be provided if required.

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