

# USAMA BIN ASLAM

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**Domicile:** Punjab, Pakistan

## + OBJECTIVE

To seek a suitable position in an eminent organization provides a professional working environment favorable for personal and professional development.

## + EDUCATIONAL ACHIEVEMENT

**MS in Materials and Surface Engineering** (In progress)

National university of science and technology (NUST), Islamabad

**Bachelor in Chemical Engineering** 2012-2016

University of Wah, Wah Engineering College

**CGPA** 3.02/4.00

**Final Year Project:** Production of ACRYLONITRILE by SOHIO process.

Design chemical plant to produce 90,000 metric tons per year of Acrylonitrile. Did material balance, energy balance, design of equipment, hazard and operability study, instrumentation & control, cost Estimation and environmental impact assessment

**Faculty of Sciences (Pre Engg)** 2010-2012

Sharif education complex, raiwind road Lahore

**Division:** 1<sup>st</sup>

**Matriculation** 2007-2009

Faran boys secondary school Malakwal (M.B.Din)

**Division:** 1<sup>st</sup>

## + PROFESSIONAL EXPERIENCE

**OIL AND GAS DEVELOPMENT COMPANY LIMITED (OGDCL)** *Pakistan*

OGDCL is the national oil & gas company of Pakistan and the flagship of the country's E&P sector.

**1 year working experience as Trainee Engineer**

Supervision, ensuring the crew, works safely and efficiently.

Made DPRs and visited Wells and Plant Site on regular basis

Attended several shut down operations

Worked and learned about:-

Separator area

Amine unit area

Dehydration unit

DPR (Dew point reduction) unit

LPG unit

NGL unit

Sulfur Recovery Unit (SRU).

Plant utilities (including hot oil unit, compressors, gas turbines and cooling towers etc)

**CHEMICAL ENGINEER**

### **Internee at Bestway Cement Limited (BCL) Chakwal.**

**Oct 2016- Feb 2017**

- Undergone training about the industrial health and safety by the company qualified staff at OH&S department.
- Learned about the cement manufacturing process including quarry and transport of the raw materials, stacking and reclaiming, raw material storage and grinding, pre heater and kiln process, clinker formation and cooling process, clinker storage, cement grinding, packing plant and dispatch of cement product.

### **Internee at Pakistan Ordnance Factories, Wah Cantt.**

**July 2015– Aug 2015**

- Trained at the Technical Training centre and Safety Department.
- Coordinated in the Sulphuric Acid plant, Nitric Acid Plant and gun cotton plant where the concentration to the highest level has been achieved.
- Took part in the testing of Temperature, Pressure and other process variables, periodically.

### **Internee at Shahtaj Sugar Mills Ltd. M.B.DIN**

**Sep 2014 - Oct 2014**

- Attended lectures and workshops in the Health and Safety Environment Department.
- Mentored in Optimization Department.
- Learned about the process of Cleaning, Slicing, Juice Extraction, Pressing, Purification, Evaporation, Crystallization and Refining.

## **+ SOCIETIES AND ORGANIZATIONS**

- Worked as a Secretary of Professional Society of Chemical Engineers.
- Member of organizing committee American Institute of Chemical Engineers (WEC Chapter)
- Remained head boy of Sharif education complex Lahore for year 2010-2011.
- Certified as proud sharifite after participating in Punjab Olympics as Sprint runner.
- Participated in declamation competition held at National library of Pakistan, organized by American embassy.
- Member of Pakistan Engineering Council (PEC No: CHEM/14675 )

## **+ COMPUTER AND SOFTWARE SKILLS**

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|---|---|
| <ul style="list-style-type: none"><li>• Aspen HYSYS</li><li>• MS Visio</li><li>• Polymath</li></ul> | <ul style="list-style-type: none"><li>• Microsoft Office</li><li>• MATLAB</li><li>• Photoshop</li></ul> |
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## **+ ACITIVITIES**

- Browsing: I always try to remove the question marks which arise in my mind.
- Getting Fitness: I go to the gym which keeps me healthy and determined.
- Games: Played Cricket, volleyball, table tennis, football, sprint, marathon running and Badminton at college & university level.
- Socializing: Converse with seniors to know about their experiences.

## **+ PERSONAL INFORMATION**

- **D.O.B:** Dec 25, 1994
- **Nationality:** Pakistani
- **Marital Status:** Single
- **CNIC:** 34401-5993774-9

**CHEMICAL ENGINEER**