



# UBAID MEHMOOD

## Chemical Engineer

### OBJECTIVE

To obtain a job within the field that will challenge me and allow me to use my education, skills in a way that is mutually beneficial to both myself and company and allow for future growth and advancement for the company.

### CONTACT

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House # 311, Aabpara housing  
Society, Near DHA EME  
Phase XII, Canal Road, Lahore

### SKILLS

- Team Work
- Management
- Leadership
- Hard working
- Self- confidential

#### Computer Skills:

- MS Office
- Mat Lab
- Aspen plus
- MS Visio
- Adobe photo shop

### VOLUNTEER WORK

- Member of blood donation society
- Worked in Jinnah hospital as patient helper

### INTEREST

- Table tennis
- Football
- Cricket

### REFERENCE

- Reference will be furnished on demand

### EDUCATION

#### UET Lahore, KSK Campus 2013-2017

Lahore, Punjab

*B.Sc. Chemical Engineering* CGPA: (2.973)

- Project on Re-refining of waste Lube oil by K.T.I process
- Design of distillation column

#### Punjab Board of Technical Education, Lahore. 2010-2013

Multan, Punjab

*DAE Chemical Technology* (79.29%)

- Acquired degree of Diploma of Associate Engineer from Multan Poly Technique Institute of Technology, Multan

#### Board of Secondary Education Multan 2008-2010

Multan, Punjab

*Matriculation Science* (89.43%)

- Having 1st Division in Secondary School Certificate by Hawks Secondary School Mailsi, with science subjects as major

### EXPERIENCE

- **Fauji Fertilizer Company (FFC)**

- 6-week internship at plant site
- Studied ammonia production by Haber process
- Studied urea production by Snamprogetti process
- Detail study about methane cracking furnace

### WORKING EXPERIENCE

- **Water Engineering & Management Services(WEMS)**  
December 2017- up till now

#### Designation:

- Sales and Services Engineer

- **Job Responsibilities**

- Reverse Osmosis Plant Design Calculation
- RO & Waste water Inquires and Proposals
- Reverse osmosis plant commissioning at **Descon oxycem** (20m<sup>3</sup>/h)
- Troubleshooting of RO plants
- Handling De-Scaling and cleaning of RO membranes at **Itehad chemical limited** (50m<sup>3</sup>/h)
- Membrane Replacement activities at **Interloop HD3** (50m<sup>3</sup>/h)
- Troubleshooting of Ion-exchanges resins
- Waste water treatment plant exposure and calculation
- PTC Jhelum RO plant, Cooling tower Maintenance, Startup and troubleshooting, Chemical Dosage Calculation
- Engro Foods RO plants maintenance visits, Cooling tower working principle, Chillers Chemical dosing activities
- ICI Soda Ash RO plants maintenance, Chemical dosing, EDI, Chemical Dosing Calculations



### ❖ **Commissioning Projects**

- Descon Oxychem (20m<sup>3</sup>/h)
- Channar Energy Center
- EDI (electrode ionization) with double pass RO system

### ❖ **Water Testing**

- Titration
- BOD (**B**iological **O**xygen **D**emand) and COD (**C**hemical **O**xygen **D**emand)
- TSS, MLSS
- Water Hardness, Alkalinity, Silica, Iron
- SDI (**S**ilt **D**ensity **I**ndex **T**est) for Suspended Solids Present in water

## ACHIVEMENTS

- Winner of Table tennis in annual Sports week 2016-2017
- Winner of 2<sup>nd</sup> Ihsan Shahid Volleyball Tournament
- Topper of class during D.A.E
- Full Merit Base scholarship during D.A.E
- Awarded for best manger in Hostel Mess and Maintenance Manger

## EXPOSURE

### • **Industrial visits on following industries:**

- D.G cement Dera Ghazi Khan
- Kashmir sugar mill Jhang
- Sitara chemical Faisalabad
- Pak American Fertilizer
- Fatima Fertilizer Goth Machhi
- Engro fertilizer Dharki
- Worked as an Organizer at Gamerz Arena at UET Lahore
- Worked as Executive member for AIChE (UET KSK Chapter)
- Worked as proof reader for Chemzine.
- Worked as head organizer at annual sports week 2017
- Attended workshop of risk and quality management
- Worked as an Organizer at 6<sup>th</sup> Symposium on Engineering Science