Muhammad Ahmad Zafar

Chemical Engineer

OBJECTIVE

To work in a competitive, career based environment that provides me an opportunity to improve my personal skills and groom my professional abilities by taking part in growth of your fastly growing and dynamic organization and I want to utilize all my knowledge to practical work and be a good engineer in my field and I have good organizational and leadership skills.

EDUCATIONAL QUALIFICATION

Sr #	Degree	Pass Year	Organization	Marks Obtained/Total	Grade	Major subjects
01	B.Sc.Chemical Engineering	2014-2018	NFC- Institute of Engineering & Technology,Multan.	CGPA = 3.61	A	Chemical Engineering
02	F.Sc	2012-2014	Central Degree College Gulgasht Multan.	817/1100	A	Pre-Engineering
03	Matric	2010-2012	Govt. Comprehensive School Gulgasht Multan.	817/1050	A	Science

CONTACTS

ADDRESS

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E-MAIL

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Mobile No

+92301-7427800

PERSONAL DATA

Father's Name	:	Muhammad Zafar
Date of Birth	:	1st January 1997
N.I.C No.	:	36302-8938772-1
Domicile	:	Punjab (Multan)
Religion	:	Islam
Gender	:	Male
Marital Status	:	Single
Nationality	:	Pakistani

PRACTICAL EXPERIENCE

Pakarab Fertilizer L.t.d **AUGUST-2018**

Four weeks training as an internee, specifically at the " Calcium Ammonium Nitrate (CAN) Fertilizer Production Plant in " and studied the following Sections in Detail:

- Ammonia Evaporation
- Ammonium nitrate formation.
- Final Neutralization and AN storage.
- Lime conveying and heating.
- Falling film evaporation and CAN-melt mixing.
- CAN-Prilling & Product cooling and conditioning.

Nestle Factory in Kabirwala **JULY-2017**

Four weeks training as an interne specifically at the Nestle Factory in Kabirwala and studied the following Sections in Detail:

- GEA Milk Processing Plant & UHT Milk Treatment Process.
- CIP of GEA Milk Processing Plant.
- Instumentation Study of UHT Plant.
- Utilities & Waste Water Treatment Plant.

Thermal Power Station Muzaffargarh,Punjab JUNE-2016

Four weeks training as an interne specifically at the Thermal Power Station Muzaffargarh,Punjab and studied the following Sections in Detail:

- De-mineralization Water Treatment Plant & RO-Plant
- Fuel oil testing
- Boiler & Steam water cycle
- Cooling tower
- Steam Turbine Section

PROFESSIONAL SKILLS

Operating knowledge of the following computer software's.

- Microsoft Office
- CHEMCAD
- Asphen Plus
- AutoCAD
- MATLAB
- C++
- Microsoft Visio
- Ansis Modling
- Asphen Hysis

ACTIVITIES

- Badminton
- Organizing Events
- Internet Surfing
- Searching New ideas About Chemical Engineering

PERSONAL ATTRIBUTES

- Creative
- Team work
- Innovative
- Leadership Ability

INDUSTRIAL VISITS

- Askari & Best Way Cement Limited.
- Pakarab Fertillizers Limited.
- Fouji Fertilizer Company Ltd.
- Attock Refinery Limited & Pak Arab Refinery Ltd.
- OGDCL Sadiqabad, Rahim Yar Khan, Punjab.

FINAL YEAR PROJECT

Simulation of 1500 MTPD of Calcium Ammonium Nitrate Fertilizer Production Plant

First of all, studied the market demand and usage of Calcium Ammonium Nitrate Fertilizer and then selected a suitable site for Production of Calcium Ammonium Nitrate Fertilizer Then selected a suitable process for Production CAN Fertilizer So I Select Direct Neutralization method for Production of 1500 MTPD CAN Fertilizer and then Perform Material and Energy Balance On Asphen Plus Simulation Software and then designed the Equipments which used in this Plant and then Cost estimation & HAZOP study of the project was also done comprehensively.

PROJECT INOVATION

We use granulation Process for the slurry of Calcium Ammonium Nitrate (CAN) instead of prillin tower The main advantage of granulation with respect to the environment is that although the nature of the effluent may be less, the quantity of air to be treated is much smaller and abatement equipment is cheaper and thus easier to install. The energy consumption of the abatement equipment is normally lower for a granulation plant. Particulate material from some types of granulation plants is relatively coarse in particle size whereas from a prilling process the prill tower emission contains very fine particles which Cause the Dust Pollution.

ACHIEVEMENT

Alhamdulillah With the grace of Allah Almighty I have got 1st position in All Pakistan Chemical Engineering Project Poster Innovation Compitition. CEPPIC 2018.

References

References will be Provide on Demand