

Fawad Israr

Chemical Engineer

Registered (PEC): CHEM/14607

Email: chemical2explore@gmail.com

Cell: +923334754544

D.O.B: 2nd April 1994

Address: Chota Lahor Swabi KPK



OBJECTIVE

To be able to work as Production Engineer in a world class organization where my extensive working experience in production will be greatly developed and utilized to achieve maximum performance of the company.

FIELD EXPERIENCES:

Current Job: Chemical & Process Engineer at Dynea Pakistan Ltd.(Petrochemical)

(April-2017 to Present)

Skills and Responsibilities:

To Supervise & Check the production activities, ensuring smooth production of the plant at all levels.

- In charge of day-to-day operations in Formaldehyde, UF& Molding compound,UF/MF-Resin Plant.
- Direct Report to Production Manager.
- Preparation and analyzing production reports (DPR, Morning report, Monthly reports, daily finished goods and raw materials Audit etc.) and maintain the production and others data base records.
- Planning & performing the unit start-up, shutdowns & troubleshooting activities.
- Planning & supervising the production team activities and guiding them for trouble free operation.
- Monitoring the safety of operation of the plant and process.
- Production scheduling, planning& accounting for production targets achievements.
- To ensure availability of raw material at plant i.e. Methanol,UFC(Urea Formaldehyde Concentrated),Urea,cellulose,Chemical additives and Sea salt.
- To keep all production parameters under control & ensure the process being at standard conditions of safety and quality.
- To ensure the daily operations in the Molding Dryer, crushing, Milling Production Area and Molding Product Packing.
- Ensuring production according to the Q.C standard & Customer requirements.
- Issuance and follow up of work requests for routine & scheduled maintenance jobs with maintenance department.

Areas of Experience

- Kneader and Dryer
- Milling section such as crusher, Ball mill and Sieve Vibrator etc..
- High Temperature Reactor
- Vaporizer
- Heat exchangers
- Condenser
- Distillation Colum
- Off gas (Hydrogen Gas) Processor
- Cooling Towers.

Trainee Engineer at Cherat Cement Company Limited (Jan 01, 2017-March 15,2017)

Skills and Responsibilities:

- Coordination with EHS regarding site safety.
- Keen understanding of cement plant operations.
- Extensive knowledge of cement production process.
- Reviewed laboratory results on clinker and cement procedures.
- Learned the daily operations in the crushing, Homogenization, Mill Production Area, Calcination, Kiln, Cement Milling and Cement Packing.

Internee Engineer at Habibullah Coastal Power Company Quetta (Oct 03 to Oct14,2016)

Skills and Responsibilities:

- Starting from EHS Plant Orientation, Visited to Plant Manager Site.
- 140 MW (Gross) capacity of plant, Gained essential field experience valuable 'Know-how of combined cycle of 3 Gas Turbines + 1 Steam Turbines and their working mechanism.

Internee Engineer at Pak-Arab refinery (PARCO) (Feb 01, 2016 to Feb 28, 2016)

Skills and Responsibilities:

- Gained essential field experience as an internee at Pak Arab refinery (PARCO). I gained valuable 'know-how' of crude distillation column (CDU), Vacuum Distillation Column (VDU), and Diesel Hydro Desulphurizing Unit (DHDS).
- Studied and learned Heat Exchangers, Valves, pumps its different types and their working mechanism.

EDUCATION:

Bachelor:

- Institute: Baluchistan University of Information Technology, Engineering & Management Sciences Quetta (2012 to 2016)
- CGPA 3.48/4.00

HSCC:

- Institute Islamia college university Peshawar (2010-2012)
- Division 1st (BISE PESHAWAR)

SSC:

- Institute The Quaid-e-Azam Group of schools Swabi (2008-2010)
- Division 1st (BISE MARDAN)

ACHIEVEMENTS & CERTIFICATES:

- Hold Pakistan engineering Council (PEC) Graduate 2016 Supervisory Certificate.
- 4th position holder of chemical engineering (BUITEMS) Fall 2012 batch.
- Well exposure in safety that's why got 1st division in Fundamentals of Health and safety in the workplace from Alison Free Certified learning.
- Got 1st division in Introduction to Conversational English from Alison Free Certified learning.
- Awarded best Volunteer Award of the Year 2015 at BUITEMS QUETTA.
- Earned 4 CPD point from Pakistan Engineering Council.
- Got merit scholarship and PEC (Pakistan Engineering Congress) scholarship throughout of my bachelor's degree.
- Won Prime Minister Laptop.

FINAL YEAR RESEARCH PROJECT:**“Estimation of linear heat Conduction and Thermal Conductivity of Bio-char and Coal-char”**

Alhamdulillah with reference of ID # 61 my research has been accepted in track “Chemical & Material Engineering” in 1st International Conference on Advances in Engineering and Technology (ICAET-2018).

MINI PROJECT: (6TH Semester)

- I have successfully converted sunflower oil into biodiesel by the process of catalytic transesterification. It gave me an idea of my FYP and future research works.

WORKSHOPS/SEMINAR:

- Attended seminar on “Living fossils of Balochistan-A Neglected Treasure held on 1st June 2016 at BUIITEMS.
- Attended workshop on “Drilling Fluids Technology” at BUIITEMS, organized by Pakistan Engineering Council on 17th -18th December 2015.
- Attended workshop on “Nano technology and its application in environment, energy and biology” at BUIITEMS organized by Pakistan Engineering Council on 20th November, 2014.
- Attended Training workshops on “Textile beyond Apparels” organized by Pakistan engineering council on 29th -30th October 2015.
- Attended Training workshops on “Borehole Instability and Rock Strength” organized by Pakistan engineering council on 30th- 31th July 2015.

MEMBERSHIPS:

- Member of “Pakistan Institute of Chemical Engineers” (S10061)
- Member of “Buitems Students Affairs”.

LANGUAGE SKILLS:

- English, Urdu and Pushto (Native)

COMPUTER SKILLS:

- Expert in installing O.S
- Expert in MS Word, MS Excel, MS power point.
- Know about Aspin Hysis Simulation.

INTERESTS:

Research, Volunteer works, Social events, Teaching.

REFERENCE: Will be furnished on demand.