



Shoaib Basheer Chemical Engineer

Mobile #: ☎ +923014706713

Email: ✉ shoaibbasheer800@gmail.com

Address: 🏠 Murad colony Shujabad Multan

Career objective:

To join an organization where I can seek, apply & enhance technical and managerial skills by working activity in challenging, professional and competitive environment under the guidance of worked experience colleagues with exponential career growth.

Professional experience:



Pak Arab fertilizer limited (Fatima group) Multan fatima-group.com/pfl/
Trainee at production department.

Working at **AMMONIA PLANT** as Trainee engineer form Jan.2018. Plant is designed by **KELLOGG TECHNOLOGY**. Fully integrated **PLC** controlling system design by **AVACEON**. Ammonia storage tank area skilled Ammonia refrigeration cycle description, refrigeration compressor, condenser evaporator basic principle and maintenance procedure.

Reforming:

Reforming section process description, furnace operation and its emergencies. Water treatment demineralization process operation, boiler operation, steam generation and boiler feed water pump startup and change over BFW chemistry. Monitoring and controlling process parameters, smooth plant operation, routine checks and ongoing maintenance activities. Ensure Preventive and Predictive maintenance, planning, scheduling and reporting of jobs.

Acidic gas purification:

Co₂ is absorbed in Potassium Carbonate solution containing, 25% K₂CO₃, 12% DEA, 7.6% Boric acid, 3.4 V₂O₅ and rest is water (DMW). This section is removing about 55 Ton/hr carbon dioxide gas.

Equipment worked at CO₂ Stripper, Absorber, Methnator, Induce draft furnace, Catalyst filled reactor Deairator Boiler, steam drum and Blow down terminology. HTSC/LTSC Operation.

Skill improvement courses:

Absorption, stripping, distillation, chemical handling work permit procedure, plant emergency handling maintenance job execution firefighting, Rescue.

Shutdown emergency handling:

Total power failure, Process gas failure, cooling water failure, instrument air failure, Ammonia transfer pump failure, Pump change over, BFW pump tripping and changeover.



NORTHERN POWER GENERATION COMPANY LIMITED (GENCO- III) MUZAFFARGRAH
<https://npgcl.com.pk/>

Internship at production department:

Responsibilities: Inspected the working of boiler including furnace, super heater and economizer. Explored and testing of different furnace and lube oil sample. Analyzed sample of boiler feed water (BFW) and re-circulating water (RCW). Internally inspection of boiler and cooling tower with inspection team.



SERVIS INDUSTRY LIMITED Gujarat
www.servisgroup.com

Internship at production department:

Responsibilities: Rubber manufacturing process description. Understanding the whole operation of mixing, compounding. Analyzed sample of rubber and product sole properties. Boiler operation troubleshooting emergencies.

Safety procedure:




IMS (Integrated management system)
OSHAS (Occupational health safety and administration)
ISO (International standard organization)
HSE (Health safety and environment)

Safety procedure related plant emergencies, job safety analysis, and SCD (safety critical devices and defeat protocol) procedure. Fire prevention plan and injury prevention basic descriptions. ISO standard OSHA regulation certified organization, implementation of PSM (process safety management) first break protocol, confined space, rescue, and LOTOTO (lock out tag out try out), work

Academic project:

Cleaning of condenser and waste heat boiler tubes. Water jetting, acid cleaning of tube to remove impurities and build passivation layer for protection of tubes. Practically performed NPGCL Muzaffargarh. Use acid (HCL) + inhibitor (R MOHIB 42). Two present ratio concentration of HCL and for passivation use tri-sodium phosphate also for neutralization sodium hydroxide.

Education:

	Bachelor of Science in Chemical Engineering Technology from UET LAHORE	3.04/4	76%	2013-2017
	Diploma of associate engineering(DAE) In Chemical technology PBTE LAHORE	2727/3400	80%	2010-2013
	Matriculation: (Science) BISE Multan	802/1050	76%	2008-2010

SKILL:

Computer Skill: Microsoft Office (Excel, Word, Power Point, Visio). Du-Pont module (STOP) safety training and observation programmed certified. Management Skill: Six Sigma (White Belt) certified.

Achievement:

Replacement of **Furnace Refractory** of primary Reformer.

Plant startup/ Shutdown activity performed in **2018** due to gas limitation.

Replacement of catalyst During Annual Turn Around.

Languages:

English

Urdu

Saraiki

Interest:



Web surfing



Traveling

Cooking

REFERENCE:

Will be furnished on demand