



Muhammad Abdullah Qayyum

Chemical Engineer

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OBJECTIVE:

I am looking for an environment. Where I can utilize my knowledge to best of my abilities for development and growth of my professional career on the bases of my integrity, honesty and hard working. To become a part of an organization where the chances and atmosphere of professional learning and growth are provided along with the quality of work and devotion to work is encouraged and promoted.

ACADEMICS:

B.Sc. Chemical Engineering: University of Engineering & Technology, Lahore (Affiliated Institute NFC IE&FR Faisalabad)	CGPA 3.641/4.0	2012-2016
F.Sc. Pre-Engineering: Government Post Graduate College , Sheikhupura (Lahore Board)	Percentage 76%	2010-2012
Matriculation: Quaid Foundation High School , Sheikhupura (Lahore Board)	Percentage 78%	2008-2010

PROJECT:

- ✓ Production of Per acetic acid By Oxidation Of Acetaldehyde (FINAL YEAR PROJECT)

SEMESTER PROJECTS:

- ✓ Simulation of Final Year Project on ASPEN PLUS
- ✓ Design of Absorption Column
- ✓ Design of Shell & Tube Heat Exchanger

AREA OF INTEREST:

- ✓ Fluid Dynamics
- ✓ Heat Transfer
- ✓ Process Dynamics and Control

COMPUTER PROFICIENCY:

- ✓ MATLAB
- ✓ ASPEN PLUS
- ✓ Microsoft Word
- ✓ Microsoft PowerPoint
- ✓ Microsoft Excel
- ✓ Microsoft Visio

WORK EXPERIENCE:

- ✓ ONE MONTH INTERNSHIP IN PRODUCTION DEPARTMENT DG CEMENT COMPANY LTD, DISTT CHAKWAL. (JUNE 2015-JULY 2015)
- ✓ SIX WEEKS INTERNSHIP AT ATTOCK PETROLEUM LIMITED MACHIKE BULK OIL TERMINAL SHEIKHUPURA IN THE SUPPLY CHAIN DEPARTMENT (JULY 2016-SEP 2016)

Responsibilities:

I have performed following experiments in the QA laboratory according to ASTM methods and specifications set By PSQCA on petroleum products PREMIUM MOTOR GASOLINE (MOGAS/PMG), HSD (High speed diesel), and FFO (FURNACE FUEL OIL):

- ✓ Specific gravity test on MOGAS/PMG, HSD, FFO by hydrometer
- ✓ RVP (Reid Vapour Pressure) test on PMG
- ✓ Flash point test on HSD and FFO
- ✓ Cloud point test on HSD
- ✓ Pour point test on HSD and FFO
- ✓ Distillation test on PMG
- ✓ Colour test on HSD
- ✓ Octane No (Research) (ZELTEX) test on PMG
- ✓ Water Content test on HSD and FFO
- ✓ Detection test (Ethanol) on PMG

- ✓ PROCESS ENGINEER IN THE FURNACE DEPARTMENT AT GHANI FLOAT GLASS LIMITED SHEIKHUPURA .
(SEP 2016 TO PRESENT)

Job Description:

Responsible to check and control all the parameters of furnace operations including temperatures, pressure, glass melting & batch feeding etc.
Responsible to gain the optimum glass melting with minimum possible fuel consumption.
Responsible to control the entire furnace operations according to the given target.
Responsible to smoothly run the furnace operations in case of any breakdown/trouble shooting.
Responsible to minimize the heat losses from furnace.
Responsible to check out all the auxiliaries relevant to the furnace and to plan their smooth operation with Predictive maintenance.
Responsible for the smooth operation and maintenance of all the equipments and instruments related to the furnace.
Responsible for the repair and maintenance of the furnace and regenerators.
Responsible for the house keeping of furnace and relevant area.
To check and maintain the F/oil lines , natural gas lines, pipings, fittings and the steel structure.
Responsible to prepare and accumulate the data of furnace operations and to summarize this on daily , monthly and annual basis.
Directly reporting to Furnace Manager indirectly to Plant Manager , General Manager.

GGLF1 Rebuild Project 2017 Float line-1 Experience:

Rebuild Project of Float Glass manufacturing Plant having capacity 450 TPD.
I currently working there in the erection of furnace and responsible for the refractory installation according to drawings made by Chinese Company.
This Furnace is to be brick laid in the 3 of dry, wet and cast manners; brick materials vary from location to location, and so do brick laying requirement and brick weight.
I check the installation of different works related to furnace auxiliaries i.e. blowers ducting & piping , furnace steel structure and bubbler system.

Membership and Participations:

- ✓ Registered Engineer as CHEM/14745 with Pakistan Engineering Council, Islamabad.
- ✓ Pakistan Engineering Council Supervisory Certificate.
- ✓ Participated in a CPD Workshop on Project Risk Assessment and Management by Pakistan Engineering Council held at University of Engineering and Technology, Lahore.

Language Course:

Chinese Language Short Course from TEVTA Sheikhpura.

INTERESTS:

Playing Cricket, watching Video tutorials, movies, socializing with friends and family