

RESUME

Objectives

Seeking a suitable placement in a leading organization to exercise my potential to bring in the best bending to the organization, while gaining experience in this field of my particular interest.

PERSONAL DETAILS

- **Name** Umar Hussain
- **Father's Name** Manzoor Hussain
- **Date of Birth** 04-08-1989
- **N.I.C. #** 32102-5724535-1
- **Religion** Islam
- **Marital Status** Married
- **Domicile** Dera Ghazi Khan
- **Nationality** Pakistani
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Tehsil District' Dera Ghazi Khan
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QUALIFICATIONS

DEGREE	SUBJECT	INSTITUTE/BOARD	MARKS	DIVISION	YEAR
DAE	Chemical	PBTE Lahore	2229/3400	1st	2010
Matriculation	Science	BISE Dera Ghazi Khan	535/850	1st	2007

EXPERIENCE

Aqua Regia Pvt.Limited (From December 2011 till November 2015)

I am working in Aqua Regia Pvt.Limited as a **Service Engineer**. Aqua Regia provides services and treatment chemicals along with the facilities of Laboratory testing for numerous sorts of water treatment regimes. Our company has several number of major and minor clients in Pakistan. However, I have been given the opportunities to work the following clients.

In Best way Cement Limited Chakwal

- I have been working as an Assistant Engineer in utility department of the Best way Cement Ltd. Chakwal on Behalf of AQUA REGIA since December 2011. Basically it is a waste heat recovery power plant unit based on Heat Recovery Steam. This utility department includes Reverse Osmosis Plant, Deaerator, Boilers, Turbine, Generator, Condenser and Cooling Tower.

Scope of Work at Best way Cement

- Operation of Reverse Osmosis plant having capacity of 18m³/ (permeate) and 6m³ (rejection).
- Lab Reagents and Equipment's Check and Balance.
- Complete chemical analysis of raw water, RO feed water, RO product water, boiler feed water, boiler drum water, condensate and cooling tower water.
- Chemical's dosing in Cooling water, Reverse Osmosis and Boiler water according to the required water chemistry.
- Whole above mentioned jobs according to Quality Management system (QMS).

Descon Power Solutions Pvt.Ltd (From November 2015 till Now)

Currently, I am working in Descon Power Solutions as a **Lab Chemist**. RYK Mills Limited is a Sugar Mill and also have Power Generation Plant of 30 MW with a High Pressure Boiler having the capacity of 140 ton/hr. which utilizes Bagasse as a fuel and uses ground water with pretreatment for the steam generation. This Power Plant based on Condensing Steam Turbine of 15 MW and also Back Pressure Turbine of 15 MW. The exhaust steam of Back Pressure Turbine utilizes in the process for sugar and then condense and uses again as a feed water. This utility department includes Reverse Osmosis Plant, Deaerator, Boilers, Turbine, Generator, Condenser and Cooling Tower.

Scope of Work in Descon Power Solutions

- Operation of STP and Reverse Osmosis plant having capacity of 60m³/hr. (permeate) and 20m³ (rejection).
- Operation of Reverse Osmosis plant having capacity of 35m³/hr. (permeate) and 15m³ (rejection).
- Operation of Two Mixed Bed Polisher having capacity of 1st 60m³/hr. and 2nd 35m³/hr.
- Chemicals Treatment of Cooling Tower, Boiler and WTP.
- Complete Fuel Testing (Bagasse and Ash).
- Lab Reagents and Equipment's Check and Balance.
- Using DR 3900 Spectrophotometer, Parr 6200 Calorimeter, Lab Oven, Electric Muffle Furnace, TN 100 Turbidity Meter, Mass Balance, Universal Digital Titration, Electric Balance, Digital Ten Settee Pipette, Water Bath, Distillation plant, Bio Chemical incubator, DO kit, pH and Conductivity meter and Total Bacteria Kit.
- Operating, Testing and Minerals Dosing at Drinking Water Plant 1ton/hr.
- Whole above mentioned jobs are according to Quality Management system (QMS).

COMPUTER SKILLS

- MS Office (MS Word, MS Excel, MS PowerPoint)
- Windows Operating System (Win 98, Win XP)

- User level knowledge of internet.

LANGUAGES

- English, Urdu, Punjabi,

Good Grasping Power

- Ability to deal with different type of customers.
- Ability to adopt myself in different environment.
- Ability to work under pressure and with minimum supervision.

REFERENCES

Reference will be given on demand.

