

MUHAMMAD AZHAR

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Career Objective:

To work a challenging friendly organizing offering job satisfaction, where my exposure and skill can be used in the best possible way, given me an opportunity for career development based on achievement and results.

Summary:

I have more than 8 years experience in working as Associate Chemical Engineer. I have experience in operating in heavy equipments in plant utilities like Oxygen Generation plant, Air compressors, Chillers, water treatment plants, Effluent treatment plant polymer plants. I am capable of problem solving and making decisions in crucial cases. I have highly developed analytic skills

Educational Qualification:

B.Tech in Chemical Engineering in 2010 (Preston institute of management science and Technology Karachi)

DAE Chemical in 2007 (Govt College of Technology Peshawar)

SSC(B.I.S.E.Mardan).2004

Work Experiences:

Worked as a Water Treatment Plant Operator in SRACO.CO (K.S.A)Form Sep2017 to November 2019

Plant Types. Reverse Osmosis.

Capacity, 100m³/Day

Manufacture. Al-Kawther Company K.S.A

Client. Ministry of Health

Duties &Responsibility

- Supervise daily plant Operation and Personal.Provide training to Operators and interns.Ensure that plant operations are performed safely
- Operates Mechanical equipment(meters.pumps.filters):operates electrical equipments(motors.controller.monitors and recorders):calibrates,maintains,and repairs plant equipments and tools
- Having different types of chemical for plant operation caustic soda.hexa Meta Phosphate. Sodium hypo chloride. Sulfuric acid. and there preparation and observing proper chemical dosing

**Worked as a Senior Plant Utilities Technician in Kingdom of Bahrain M.E.W.L.L
from May 2011 to May 2015**

Company. CPIC-ABHUSAIN Fiber Glass company M.E W.L.L Bahrain

Designation Sr.Utility Technician

Department Utility

Time Period MAY 2011 to MAY 2015

WATER TREATMENT PLANT

Two bed ion ex changers and multilayer's filters

WATER SOFTENING PLANT

Water softening with capacity of 40m³/hr

CHILLERS

Vapor compression; under pressure air cool condenser with inter stage economizer by Trans USA

AIR COMPRESSOR

Single stage screw type oil mixed by atlas copco, Belgium

AIR DRYERS

Vapor compression adsorption air dryers by Atlas copco, Belgium.

OXYGEN GENERATION PLANT

Vacuum pressure swing adsorption system (VPSA) for oxygen of 90% purity by LINDE, Germany.

PUMPS OPERATION

All types of PD & Centrifugal pumps

Duties &Responsibility

- Take readings and Monitor all Utility system like critical parameters, and investigate and correct operating condition out of specification
- Receive chemical used for chilled water treatment, resin bed regeneration, water Treatment plant
- Plan daily work schedule & assigns tasks to workers based upon priority of work Expertise of individual workers.
- Perform corrective maintenance task for Utility equipment

- Direct workers in repair of equipment or reports need for repairs to designated Authority
- Maintain records on chemical usage storage, equipment operation, and personal Attendance.
- Analyzed samples to confirm satisfactory result of treatment
- Perform or assist in the start-up and shut down of assigned plant and facilities according to improved operating procedure or instruction
- Operating and monitoring reciprocating compressor, centrifugal and reciprocating pumps, air cooled chillers, adsorption dryers, and oxygen generation plant(VPSA)
- Schedule changeover of rotary equipments like pumps and compressor

**Worked as Polymer Plant Operator in Rupafil Polyester Limited (Rupali Group)
Form Sep 2008 to Feb 2011. Lahore (Pakistan). Capacity 100 tons/day**

Duties &Responsibility

- Monitoring Distillation coullum.Esterification reactor.Pre and final Polymerization Cutting and Chip Drying.
- Observed and Recorded data form Temperature record. Pressure gauges. Flow meter and other indicators. and listing for warning signal.
- Extensive knowledge of valves, centrifugal pumps, and both open/closed chemical process.
- Check equipment to ensure it is working properly and arrange maintenance and repairs of equipment

Skills:

- Best Verbal & Non- verbal Communication skills
- Organizing and leading skills
- Office Management
- Reliable & Honest
- Optimist

Computer Skills:

- Internet Application
- Well versed with MS Office,

Safety courses:

- NEBOSH
- IOSH Managing Safely
- OSHA
- Fire Fighting
- General safety and health
- H2S Effect & Escape hood
- Confined space entry

Languages:

- English.
- Urdu.
- Arabic.
- Pashto

Personal Information;

- Father's Name Muhammad Ibrahim
- D.O.B 1 March 1987
- Marital Status Single
- Nationality Pakistani
- Religion Islam
- Passport No ER1846772 (Issue.13 July 2015/Expire 11 July 2020)

Reference: Will be Available upon request