

Holds a B. Sc. in Chemistry / Biochemistry and a Diploma in Analytical Biochemistry. Has about 13 years experience working as Chemist with proven skills in water treatment, boilers operation and troubleshooting problem solving with implementing of company HSE policy to ensure safe plant operation according to SOP.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/03/1989
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Chemistry / Biochemistry, Alexandria University, 2010
: Diploma in Analytical Biochemistry, Alexandria University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Excel, Access, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Performance qualification of water treatment station for production of water for pharmaceutical use STILMAS:
• Design the qualification protocol according to latest standards & references.
• Sampling & analysis of water samples.
: Cleaning and process validation (HVAC & water) system.
: Cleaning validation / time management.
: Integrated ISO.
: Analytical method validation.
: GMP.
: Documentation.
: Computer system validation.
: Team Building.

: Business etiquette.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2018 till now
Employer : Alex Apparels for ready garments
The company has utilities department consist of several boiler types, R.O unit and new ETP (Effluent Treatment Plant).
Job title : Plant Utilities Section Head
Job Description :

- Monitor plant and equipment performance as per SOP.
- Provide process engineering expertise to assist in maintenance (PM & CM) activities and shutdown activities.
- Provide the process operating guideline to the shift operation for safe and efficient operating envelope.
- Monitor plant and equipment performance by reviewing production and maintenance reports and identifies and implements opportunities for improvement and defect elimination.
- Assist in plant equipment material & spare parts requisition.
- Check the required chemical treatment for boiler feed water and perform the required water analysis.
- Carry out the required chemical cleaning for Boilers.
- Monitoring the operation parameter for R.O unit within operation safe limits.
- Daily monitoring the mechanical assistant equipment (pumps, H.ex, ...etc.).
- Evaluate performance of equipment and systems post-commissioning after project completion.
- Achievement: Provide the required detailed design study for the new ETP (Effluent Treatment Plant) & assist in its equipment selection to the installation process and commissioning & start-up for the new unit.

Dates : From 2012 till 2018
Employer : El-Amriya Pharmaceutical Industries, Alex
Job title : Water Treatment Station R.O Control Section Head
Job Description :

- Performed microbial & chemical analysis of different types of water & Recording data on a daily basis.
- Checked method validation protocols and performed method validation testing.
- Approved Methods Lab Acceptance for Sample Testing Methods as required.
- Full analysis of water:
 - Determination of Total hardness, calcium & magnesium.
 - Determination of free CO₂.
 - Determination of Alkalinity.
 - Determination of Total Iron.
 - Determination of Phosphorous.
 - Determination of Silica.
 - Determination of residual sulfite.
 - Determination of sulfate.

- Determination of chloride.
- Determination of TDS.
- Determination of TSS.
- Determination of Residual chlorine.
- Full analysis of treated waste water:
 - Determination of BOD.
 - Determination of COD.
 - Determination of TDS.
 - Determination of TSS.
 - Determination of Residual chlorine.
 - Microbiological testing.

Dates : From 2010 till 2012

Employer : Nile Linen Group

Job title : Dying & Bleaching Production Chemist

Job Description :

- Experience in dying department (cotton – polycotton – polyester) using three ways (reactive dying - vat dying - disperse dying).
- Follow the dying process through Jiggers machines & Cold pad batch machine.
- Giving advises on pigment & colored samples.
- Mixing colors to produce new colors.
- Curing & dying samples & making observation on it.
- Experience in bleaching using jets machines.