

Holds a B. Sc. in Chemistry and 3 Diplomas. Has about 14 years experience, including 13 years working as Chemist in water treatment at several Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/09/1984
Gender : Male
Marital Status : Married
Residence : Dakhalia

EDUCATION

: B. Sc. in Chemistry, Tanta University
: Diploma in physiology and biochemistry, Suez Canal University
: Diploma in analytical chemistry, Zagazig University
: Diploma in applied chemistry, Zagazig University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: ICDL (International Computer Driving License) certificate.
: Microsoft Windows (All Versions).
: Six Sigma Awareness Training.
: The Operation & Routine Protective Maintenance for CEMS Shelters installed In the unit 1A & 1B by CTS for Chemical Services.
: Training on Hydrogen H- Series Generator Utilize PROTON EXCHANGE MEMBRANE (PEM) in Banda Power Plant by Proton Company.
: Water treatment in power station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Employer** : Middle Delta Electricity Production Co. (MDEPC)
- Projects** :
 - Sidi Krir Power Station
 - El-Tebbin Power Station
 - Banha Power Station
- Job title** : Chemical Supervisor
- Job Description** : Commissioning, start-up and operation for the following systems:
- Waste water treatment unit:
 - Follow up the operation of waste water unit of 150 meter per day at Banha Power Station and other at Sidi Krir Power Station.
 - These units of a type tertiary treatment units, which the produced water is used for the irrigation.
 - Make necessary tests needed for operation.
 - Follow up operation of all equipments, and write notes for maintenance duties.
 - REVERSE OSMOSIS SYSTEM:
 - Responsible for operation of small unit of (R.O) System on start-up of Banha project, (30 m³) / hour, and training on large unit.
 - Working on a unit using high salinity water at Sidi Krir Power Station, and other with low salinity water.
 - Make chemical cleaning for (R.O) membrane after period time of operation.
 - PRE-TREATMENT SYSTEM:
Control of operation for water treatment system of raw water (River water) by the following steps:
 - Off-shore treatment by chlorination system.
 - Clarification of water by (ALUM & POLYMER) in clarifier system.
 - Finally ultrafiltration system to remove very fine residual particles.
 - DEMINERALIZATION PLANT:
 - Follow up operation of stream of different resin vessels (cation – anion organic – mixed bed) to produce demineralized water at the end.
 - Make necessary regeneration steps for every type of resin to achieve ideal Specification of water.
 - Make necessary analysis of water during operation and regeneration.
 - HYPOCHLORITE SYSTEM:
 - Attend commissioning and start-up operation for Hypochlorite unit in SIDI KRIR Power Plant.
 - Follow up work operation and injection of (Naocl).
 - Make required chemical cleaning to clean scales of water inside the unit and this Happened by using diluted acid and alkaline.
 - Make analysis to ensure end of cleaning.
 - Follow up maintenance for the unit.
 - POLISHER SYSTEM:
 - Control Room Operator to follow up the operation and maintenance of polisher system which it is part of the steam cycle of the unit.
 - Perform Duties of regeneration steps for every type resin to achieve ideal specification for water in unite cycle.
 - Make continues analysis for water for every in the steam and water

cycle.

- LAB ANALYSIS:

- Analysis of raw and effluent water for total hardness, alkalinity, carbonates, calcium, magnesium hardness, chloride by titration methods, determination of PH, TDS, conductivity, specific gravity, turbidity using HACH turbidity meter, spectroscopy analysis for total iron, phosphate, sulphite, nitrate, nitrite.

Dates : In 2007
Employer : Medical Co.
Job title : Medical Representative

Dates : From 2006 till 2007
Employer : EIPICO (Medical Co.)
Job Description : Worked in researching department.