

Holds a B. Sc. in Chemistry & Zoology and has over 16 years hands-on experience working as operation and chemist in combined cycle power plants, shift team leader in project operation.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 02/01/1982  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Chemistry & Zoology, Alexandria University, 2002

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Training for 1 month in West Delta Electricity Production Company about methods for water treatment in Power Plants in Damanhour Combined Cycle.
- : Training for two weeks entitled offshore operation training in UAE by METITO.
- : Training course for one week about chemical cleaning and boilers feed water treatment in central laboratories of Electricity.
- : Firefighting training for one week in 2007 and one week in 2012.
- : Training course for one month in West Delta Electricity Production Company – Egypt about Boilers Water Treatment Technologies in Power Plants.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2017 till now  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Power Station (3x750MW) Combined Cycle

- Job title** : Laboratory Chemist
- Job Description** :
  - Different analysis of water samples by Titration method and using Spectrophotometer to determine THE ALKALINITY OF WATER and the concentration of SILICA, CUPPER, IRON, PHOSPHATE, AMMONIA and HYDRAZINE in water samples.
  - Calibration of PH and Conductivity Portable analyzers.
  - Preparation of STANDARD SOLUTIONS.
- Dates** : From Feb. 2005 till Mar. 2017
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Power Station (3x750MW) Combined Cycle
- Job title** : Operation Chemist & Shift Team Leader
- Job Description** :
  - Operating of water pretreatment, waste water treatment, sewage treatment and potable systems.
  - Demineralization system by using Ion Exchange process.
  - Controlling and operating these systems through SCADA (supervisory control and data acquisition) systems.
  - Boilers feed water treatment (Water and Steam cycles).
  - Make analysis for all samples of pretreatment system, steam cycle, drinkable water and Demi. Water.
  - Treatment of water by Reverse Osmosis.
- Field of experience** :
  - Expert in the chemical cleaning and cleanup of boilers, boiler feed water treatment and follow the water quality during normal operation.
  - Expert in water analyzers system (SWAS).
  - Expert in chemical analysis of water samples.
  - Expert in the chemical analysis and operation of water treatment, reverse osmosis, ion exchange.
  - Administrative Responsibilities:
    - Leading, coordination, and supervision of operation teams during project from commissioning phase to startup until normal operation.
    - Team development and provide technical training to team members.