

Holds a B. Sc. in Chemistry and 2 Diplomas. Has about 19 years hands-on experience working as Chemist.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/10/1982  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: B. Sc. in Chemistry, Zagazig University, 2003  
: Diploma in Applied Chemistry, Tanta University, 2014  
: Diploma in Analysis Chemistry, Tanta University, 2015

## LANGUAGES

Arabic : Native Language  
English : Excellent  
French : Fair

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Matlab

## TRAINING COURSES AND CERTIFICATIONS

: Training for 2 weeks about industrial safety and fire fighting in the Ministry of Civil Defense.  
: Training for 1 month about analyzing of lubricant oils in Central Laboratories.  
: Training for 1 week about water treatment in Nubaria Electrical Power Station.  
: Training for 1 week about chemical cleaning for boilers.  
: Training for 1 week about analyzing of water in all water treatment systems and analyzing all sample in steam cycle for all units in boiler (high and low pressure drums).  
: Training for 1 week about ICT in Tanta University.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2007 till now
- Employer** : Middle Delta Electricity Production Co.
- Project** : Nubaria Power Station (2250MW)
- Job title** : Assistant Shift Charge Chemist (start-up, commissioning, operation)
- Job Description** :
- Water treatment:
    - Demineralization plant (3x75 m<sup>3</sup>/h).
    - Oil water separation system.
    - Pre-treatment plant (3x84 m<sup>3</sup>/h).
    - Sewage treatment plant (2x200 m<sup>3</sup>/h).
    - Potable water system (2x200 m<sup>3</sup>/h).
    - Waste water treatment system.
    - Chemical injection system for boiler (high & low pressure drums).
    - R.O. unit.
    - Hydrogen generation unit.
  - Analyzing for lubricant oils as the following:
    - Making analysis on lubricant oils to determine the quality.
    - Additives of lubricant oils.
    - Causes of deterioration of lubricant oils during operation.
  - Analyzing all samples in pre-treatment (screening – sedimentation – filtration) to produce filtered water, maybe used in drinkable water or in chemical treatment.
  - Analyzing all samples in chemical treatment (ion exchanger to remove all hardness salts from filtered water to produce de-mineralized water to use in thermal cycle).
  - Analyzing all samples in steam cycle for all units (in feed water / condensate water / boiler / saturated steam / super heated steam).
  - Analyzing all samples in potable treatment / waste treatment / sewage treatment.
  - Acid and alkaline cleaning for boiler and pipeline.
  - Adjust treatment chemical feed rates and performs various tasks as required to maintain critical parameters within specified ranges.
  - Monitor and report actual or potential environmental problems.
- Dates** : From 2003 till 2007
- Employer** : Metito Co. for water treatment
- Job title** : Chemist