

Holds a B. Sc. in Special Chemistry and Diplomas in Applied Chemistry and Analytical Chemistry.  
Has about 16 years hands-on experience working as Chemist at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 06/11/1979  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Special Chemistry, Alexandria University, 2001  
: Diploma in Applied Chemistry, Tanta University, 2012  
: Diploma in Analytical Chemistry, Tanta University, 2014

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Off-shore Operation Training by Metito Overseas Ltd UAE:

- Demineralization Plant.
- Pre-treatment Plant.
- Sewage Treatment Plant.
- Potable Water System.
- Waste Water Treatment.
- Oil Water Separator System.
- Chemical Injection System.
- Steam Water Analysis System.

: Water Treatment in Power Plant, Abu Qir Electricity Training Center.  
: Corrosion and Cathodic Protection in Power Plant, MDEPC Training Sector.  
: Turbines Oils, Central Chemical Labs.  
: HSE, MDEPC Training Sector.  
: Fire fighting, Certificate given from Ministry of Interior.

- : English: Course for Non-Specialist, MDEPC Training Sector.
- : Computer: ICT Course.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2018 till now
- Employer** : [EGYPTROL](#), SIEMENS AG Subcontractor / AC Boiler
- Projects** : Burullus Combined Cycle Power Plant 4800MW / South Helwan Power Plant 3x650MW / CAIRO WEST Power Plant (650MW Supercritical boiler)
- Job titles** :
- Commissioning Chemist (from Apr. 2021 till now) (CAIRO WEST Power Plant (650MW Supercritical boiler)
  - Commissioning Chemist (from Nov. 2019 till Apr. 2021) (South Helwan Power Plant 3x650MW)
  - O&M Site Chemist (from Jan. 2019 till Nov. 2019) (Burullus Combined Cycle Power Plant 4800MW)
  - Commissioning Chemist (from Feb. 2018 till Jan. 2019) (Burullus Combined Cycle Power Plant 4800MW)

- Dates** : From 2005 till Feb. 2018
- Employer** : MDEPC (Middle Delta Electricity Production Company)
- Project** : Nubaria Combined Cycle Power Plant 2250MW
- Job titles** :
- Operating & Maintenance Chemist (from 2012 till Feb. 2018)
  - Shift Chemist (from 2005 till 2012)

- Field of experience** :
- All Operating Steps.
  - Assigned to perform the following:
    - Review the chemical cleaning of HRSG, safety.
    - The waste water quality to be within the legal environmental limits before disposal.
    - Apply the HRSG boiler treatment & closed cooling water.
    - Start-up of the chemical dosing system for both.
    - Condensate polishing system commissioning and start-up.
    - Closed cooling system and HRSG boiler drum.
    - Start-up of the sampling system with its required Calibrations and reagent preparation for the online Analyzers.
    - Maintain the boiler water/steam quality within the recommended limits.
    - Reliability tests and normal operation.
    - Order all the required chemicals, tools and maintain in the chemical inventory.
    - Developed and implemented HSE plan for the chemicals activities in the site.
    - Evaluations and risk assessment on environmental and safety hazards of construction development and operational activities.
    - Water treatment System.
    - R.O Unit.
    - EDI Unit.
    - Demineralization System.

- Electro chlorination plant.
- CEMS Unit.
- Preparing Reports and documentation.