

Holds a B. Sc. in Chemistry and has over 13 years hands-on experience working as Chemist. He is working in the field of power production. His work includes chemical work on line and on laboratory through achieving the routine daily tests, determine doses of chemical materials, deal with analyzers for maintenance – calibration – setting adjustment – input and output connection.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Chemistry, Tanta University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Analytical Chemistry Diploma.  
: EHS certificate (OSHA).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2018 till now  
**Employer** : [EGYPTROL](http://www.egyptrol.com), Al Toukhi Subcontractor  
**Project** : HAIL PROJECT – KSA  
(CONVERSION OF HAIL SIMPLE CYCLE TO COMBINED CYCLE)  
**Job Description** :

- SUPERVISION OF CHEMICAL DOSING OF THE PLANT (ammonia – carbonylhydrazide – tri sodium phosphate – corrosion inhibitor for cc).
- COMMISSIONING & OPERATION OF WATER TREATMENT PLANT.
- Supervision of chemical dosing of WTP (hypochlorite – antiscalent – sulfuric acid – ferric chloride – sodium meta bisulfate – sodium hydroxide – citric acid).
- Commissioning & operation of sanitary plant.
- COMMISSIONING & OPERATION OF SWAS SYSTEM.

- Supervision of sampling and testing of lube oil - transformer oil to meet chemical parameters.

**Dates** : From Oct. 2016 till Dec. 2017  
**Project** : Beni Suef CCPP 4800MW  
**Job Description** :

- Commissioning and operation of demi plant.
- Commissioning and operation of pre-treatment plant.
- Commissioning and operation of sanitary plant.
- Commissioning & operation of swas system.
- Commissioning and operation of chemical dosing system.
- Supervision of sampling and testing of lube oil – transformer oil to meet the chemical parameters.

**Dates** : From Aug. 2015 till Sep. 2016  
**Employer** : Elsewedy Power - PSP  
**Project** : Eldewaniya Power Plant – IRAQ (4x125MW gas turbine (GE frame 9E))  
**Job Description** :

- Commissioning and operation of RO plant.
- Commissioning and operation of ultra filtration (zeewood).
- Commissioning and operation of industrial sewage plant (zeewood).
- Commissioning and operation of sanitary plant.
- Supervision of sampling and testing of lube oil and transformer oil to meet the chemical parameters.

**Dates** : From Dec. 2013 till Jul. 2015  
**Employer** : DOOSAN Heavy Industries & Construction  
**Project** : Supercritical Thermal Power Plant 2x650MW in EL-AIN EL-SOKHNA in EGYPT  
**Job Description** :

- Chemical Supervisor of chemical cleaning and steam water analysis system (SWAS) which includes different type of analyzers (PH - DO - sc - cc - dcc - ammonia - iron - hydrazine - sodium - silica) of the 2 units.
- Commissioning and operation of (SWAS) system.
- Responsible of safety of chemicals addition of the work team inside the boiler.
- Commissioning and operation chemical dosing system.
- Responsible for the condition of water inside the boiler and steam to match the criteria.
- Chemical lab analysis.
- Commissioning and operation of demi plant.

**Dates** : From Sep. 2006 till Dec. 2013  
**Employer** : West Delta Electricity Production Company  
**Project** : Thermal & CCPP  
**Job Description** :

- Operation of water treatment plant (RO SYSTEM).
- Operation of pre-treatment plant.
- Operation of sewage plant, polishing system.
- Chemical analysis (PH - turbidity - conductivity - alkalinity - total hardness - calcium hardness - chlorides) measuring cations, anions (ammonia - aluminium - iron - nitrite nitrate - phosphate - sulfate - silicates).

- Operation of dosing systems of different kinds of water.

**Dates** : From Jun. 2005 till Sep. 2006  
**Employer** : BEHEIRA WATER AND DRAINAGE COMPANY  
**Job Description** :

- Testing of water samples inside the plant and network like (PH - TDS - ammonia - phosphates - nitrites - biological testing .....).
- Follow up the plant process.
- Chemical dosing supervision (alum – hypochlorite).
- Disinfection of new network lines and sample testing.