

Holds a B. Sc. in Chemistry and has about 7 years hands-on experience working as QC Chemist.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Suez

## **EDUCATION**

: B. Sc. in Chemistry, Suez Canal University, 2011

## **LANGUAGES**

Arabic : Native Language  
English : Good  
German : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Attended Training at AC Boilers (Gallarate, Varese, Italy): Operation principle, I&C, water treatment, Gas analysing system, fuel additives (Jun./Jul. 2017).
- : User Training Certificate on Atomic Absorption Spectrometer, PerkinElmer - HTDS, Suez, Model: Analyst 400 - PerkinElmer (Mar. 2017).
- : User Training Certificate on Atomic Absorption Spectrometer, PerkinElmer - HTDS, Suez, Model: PinAAcle 900Z - PerkinElmer (Feb./Mar. 2017).
- : Operation and maintenance training on hydrogen gas generator, Proton On Site, Suez, Hogen H series (hydrogen generator 6 NM<sup>3</sup>/h), solid polymer electrolyte type (Feb. 2017).
- : On-Shore Training on Desalination plant, Veolia - entropie, Suez, Entropie thermal Desalination units with capacity 3000 M<sup>3</sup>/day (Jan. 2017).
- : Operation and maintenance of sample rack online analyzers, Hach, Suez: online silica analyzer, sodium analyzer, oxygen analyzer, Ph, conductivity, cation conductivity (Dec. 2016).
- : Operation and maintenance on water treatment plants, Metito water treatment, Suez - Operation and maintenance on the following water treatment plant:
  - Demineralized water plant 40M<sup>3</sup>/hour.
  - Sodium hypochlorite plant (bipolar electrodes) 120 m<sup>3</sup>/hour.

- Condensate polisher plant 1800 m<sup>3</sup>/hour.
  - Waste water treatment plant.
  - Chemical injection plant.
- : User Training Certificate on UV Spectrophotometer, PerkinElmer - HTDS, Suez, Model: Lambda 25 - PerkinElmer (Jun. 2016).
- : Operation and trouble shooting of water treatment plants, Metito water treatment, Milano (Italy) - operation philosophy and troubleshooting of the following:
- Demineralization water plant.
  - Sodium hypochlorite plant.
  - Condensate polisher plant.
  - Waste water treatment plant.
- : Internship at Egyptian Fertilizers Company (S.A.E) (Aug. 2010).
- : Internship at Nasr Petroleum Company (one of the EGPC affiliated companies) (Aug. 2009).
- : English: IELTS with band score 6.5.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2012 till now
- Project** : Suez Thermal Power Plant (650MW)
- Job title** : QC Chemist
- Job Description** :
- Performing Complete chemical analysis on the following: condensate water cycle, main boiler, turbine steam, water produced from Desalination plant, demineralized water plant, waste water system plant, the solution produced from sodium hypochlorite plant, closed cooling water system, Fuel samples such as gasoline and mazout.
  - Following up the sample rack online analyzers such as Ph, conductivity, cation conductivity, sodium analyzer, silica analyzer and oxygen analyzer to confirm that condensate water, boiler water and turbine steam meet the specification.
  - Following up chemical injection system in condensate system and main boiler.
  - Operation of Desalination Plant MED-TCV with capacity 3000m<sup>3</sup>/day.
  - Operation of demineralized water plant with capacity 40 m<sup>3</sup>/hour.
  - Operation of sodium hypochlorite plant with capacity 120 m<sup>3</sup>/hour.
  - Operation of condensate polisher system with capacity 1800 m<sup>3</sup>/day.
  - Operation of waste water treatment plant
  - Operation of hydrogen generation plant 6Nm<sup>3</sup>/hour.

- Dates** : From Apr. 2012 till Nov. 2012
- Employer** : Egypt Global Silicates, Suez
- Job title** : QC Chemist
- Job Description** :
- Performing complete analysis on solid (neutral/alkaline) sodium silicate.
  - Performing complete analysis on liquid sodium silicate.
  - Performing quality analysis on all ore materials such as silica sand and soda ash.
  - Performing analysis on X-Ray fluorescence.