

**106322-CHE-18OS-E-2012**  
**Commissioning, Start-up & Operation Engineer**

Holds a B. Sc. in Chemistry / Physics and has over 5 years hands-on experience working as Chemist at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 02/03/1990  
Gender : Male  
Marital Status : Married  
Residence : Beni Suef

## EDUCATION

: B. Sc. in Chemistry / Physics, Beni Suef University, 2012

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: Training course at Electricity Production and Distribution Station (EI-Kureimat) (Jul. 2010).  
: ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2017 till now  
**Employer** : Metito for water treatment  
**Project** : El Yousr desalination plant 80000M3/Day (RO system)  
**Job title** : Commissioning, Start-up & Operation Engineer

**Dates** : From Nov. 2016 till May 2017  
**Employer** : Metito for water treatment  
**Project** : Abo Qir Fertilizers Company (450M3/h Demin plant)  
**Job title** : Team Leader for commissioning, start-up & operation

**Dates** : From Jun. 2016 till Nov. 2016  
**Employer** : Metito for water treatment  
**Project** : Suez Thermal Power Plant 650MW  
**Job Description** : Operation, commissioning and start-up.

**Dates** : From Nov. 2014 till Jun. 2016  
**Employer** : Metito for water treatment  
**Project** : Giza North Power Station 2250MW  
**Job title** : Leader of operation team

**Dates** : From Dec. 2013 till Nov. 2014  
**Employer** : Metito for water treatment  
**Project** : Benha Power Station 750MW  
**Job Description** : Operation, commissioning and start-up.

**Field of experience** :

- Start-up, commissioning and operation for Pre-treatment & waste Water and Potable water systems.
- Start-up, commissioning and operation for RO System.
- Start-up, commissioning and operation for chlorine gas dosing System.
- Start-up, commissioning and operation for sewage system.
- Start-up, commissioning, operation and Regeneration of Demineralization System (Cation, Anion, organic trap and Mixed Bed resin).
- Operation and regeneration of Condensate Polisher for Boiler System.
- Start-up, commissioning and operation for Ultra filtration System.
- Start-up, commissioning and operation for EDI System.
- Controlling and Calculating for Chemicals Dosing and quantity of Chemicals using in operation.
- Describe and Follow up the mechanical and Electrical Maintenance.
- Perform all chemical analysis for determine chemical dose of Boiler.
- Perform all chemical analysis to adjust the specifications of pre-treatment & demineralized water systems.
- Follow up reliability tests and performance for pre-treatment & Demineralized & Waste systems and its dosing of chemicals and make required analysis to adjust quality.
- Perform to operate and calibrate Online analyzer as (PH meter & Conductivity meter & Turbidity meter & Sodium analyzer & Silica analyzer & TOC analyzer and Residual Chlorine Analyzer).