

**102949-CHE-158OS-E-2016**  
**Commissioning Chemist & Operator**

Holds a B. Sc. in Chemistry & Physics and has about 6 years experience in the field of desalination and water treatment. Has good knowledge of sewage & industrial wastewater treatment.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 23/01/1994  
Gender : Male  
Marital Status : Married  
Residence : Assiut

## EDUCATION

: B. Sc. in Chemistry & Physics, Assiut University, 2016

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

- : Certificate for having demonstrated basic computer hardware, software and internet knowledge (IC3) (Jan. 2020).
- : Certificate from Chemical Industries Development (CID) (summer training) (Sep. 2015).
- : Certificate from Oil Refining Company at Assiut (Aug. 2015).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2021 till now  
**Employer** : Veolia Water Technologies  
**Project** : Assiut Supercritical Thermal Power Plant  
**Job title** : Commissioning Chemist & Operator

**Dates** : From Oct. 2019 till Oct. 2021  
**Employer** : HPG Pharm

**Job title** : Medical Representative

**Dates** : From Jan. 2019 till Sep. 2019

**Employer** : Orascom Construction

**Project** : Assiut CCPP

**Job title** : Water Treatment Specialist

**Field of experience** : Details of technical Qualifications in RO plants operation & technical support:

- Following up Regeneration of MMF, change of CF candles, check out on  $\Delta P$  for MMF or CF, SDI test, and treatment of product water.
- Operation All R.O units with capacity according to standard operation procedures such as brackish units.
- Able to work with many devices such as (Spectrophotometer - conductivity meter 6P, 4P – DR – PH meter – SDI – ORP).
- Recording and analyzing the RO operating data for normal operation, monitoring performance of membranes (system normalization), high pressure.
- Supervision of operation processes of RO plants, check and control parameters such as pH, chlorine, Temperature, Feed & reject pressures, flow rates, TDS, COD, BOD, ORP, dissolved oxygen to optimize the efficiency of the plants.
- Clean and disinfection of the (feed & product & flash) tank and MMFs.
- Able to improve the performance of RO and calculate all efficiency.
- Monitoring chemicals consumption in pre-treatment and post system.
- Follow up the daily parameters of site and assured RO system working properly by normalization.