

**107031-MEC-1MOS-E-2008**  
**Control Room (DCS Operator) Engineer**

Holds a B. Sc. in Mechanical Engineering and has over 11 years hands-on experience working in maintenance, operation, commissioning and start-up.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/05/1984  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

- : B. Sc. in Mechanical Engineering, Alexandria University, 2008
- : Alexandria Advanced Technical School, Department of Refrigeration and conditioning

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fair

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : AutoCAD (2D & 3D)
- : SmartDraw

## TRAINING COURSES AND CERTIFICATIONS

- : EAAC Training Institute:
  - Internal Combustion Engine (Feb. 2007).
  - Vibration Monitoring & Analysis (Mar. 2007).
  - Lubrication (Mar. 2007).
  - Matlab (Mar. 2007).
  - Pumps and how to select and maintain (Oct. 2013).
  - Compressor Maintenance & troubleshooting (Jun. 2014).
  - Combined Cycle (gas turbine & HRSG) (Oct. 2015).
- : Training at Electrical Company for 3 months (summer 2006).
- : Trainings at Toyota Automotive for 6 months (summer 2004 & summer 2005).

: English: PASSING 10 LEVELS FROM 12 IN IWI LANGUAGE INSTITUTE.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2010 till now  
**Project** : Sidi Krir Power Station (2x320MW)  
**Job title** : Control Room (DCS Operator) Engineer  
**Job Description** :

- Participation in the grave outage and commissioning of unit 1 & unit 2 in Sidi Krir Power Station which including replacement HP turbine of a newer one and do maintenance in another components like (IP Turbine, LP Turbine, Generator, Valves and all bearings).
- DCS Unit Operation Engineer:
  - Unit auxiliaries' operation processes including: Start-up, shut down and normal operation for feed water pumps (both turbine and electrical pumps), (drum level control), Circulate water pumps (sea pumps), condensate pumps, Service water pumps, closed cycle cooling water system and air compressors...etc.
  - Boiler operation processes including: Boiler start-up, shut down, troubleshooting and normal operation, Both natural gas and oil (Mahout) fire Combustion air system .air control (forced draft fan), Fuel control, Soot blowing, seal air heaters, seal air fans, flame scanner fans.
  - Turbine operation including: Turbine start-up, shut down, troubleshooting and normal operation Lube oil system, control oil system, seal oil system, seal steam system, generator cooling system.
- Field Engineer: Responsible for preparing all systems locally as Main boiler and its auxiliary systems, Unit auxiliary systems, Main Turbine and its auxiliary systems.
- Desalination Plant: Multi stage flash chambers (2 x 5000 ton/day) Operator. Ejectors systems, Brine recirculation system, Blow down system, Condensate system, Distillate system, Anti foam, Anti scale, Sodium sulphate and Acid cleaning system.
- Hydrogen Production Plant: Gas generating system Operator.

**Dates** : From Jan. 2009 till Mar. 2010  
**Employer** : Mosahmet El-Behara Company  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Work with buses engines "Diesel engines" and make required maintenance to be in a good condition, receive the desired equipment's and work tools and check it for ability to works was a part of my job.
- Learned to be good leader for my team work and how to manage and organize my work table and keep following to ware house equipment's and work shop working.

**Dates** : From Jun. 2008 till Jan. 2009  
**Employer** : Porto Sokhna & Porto Marina CARAVANSERAI  
**Job title** : Mechanical Maintenance Engineer

**Job Description** : Very good experience about refrigeration and lubrication circuit and Maintenance for centerpiece condition and boiler.