

Holds a B. Sc. in Mechanical Power Engineering and has over 12 years hands-on experience, including 7 years working as Operation Engineer at Sidi Krir Combined Power Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/02/1983  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: Operating NEM's HRSG.  
: Dealing with service gas system.  
: Operating COMPAIR compressors.  
: Fire protection system.  
: Firefighting system.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2009 till now  
**Employer** : West Delta Electricity Production Company (WDEPC)  
**Project** : Sidi Krir Combined Power Station (750MW)  
**Job title** : Operation Engineer (Deputy Shift Engineer)

- Job Description** : • I lead a work team of 30 persons (engineers, technicians and workers) & responsible of operating and give daily reports of a combined power station which consists of:
- 2 Gas turbine generators, 2x250MW, Type: M701F, Manufacturer: MITSUBISHI Heavy Industries (MHI), Japan in addition to the operating system (DIASYS Netmation) & their auxiliaries.
  - 2 Steam recovery steam generators "HRSG" (Horizontal, multi-pressure, Natural circulation), produce 350 tons/hr. each, Manufacturer: NEM, Netherlands in addition to their auxiliaries.
  - One multi-stage steam turbine (3 individual steam turbines (HP, MP & LP)), driving one shaft connected to one generator (275MW), Manufacturer: ANSALDO, Italy in addition to it's the operating system (ABB PGP) & auxiliaries.
  - Auxiliary equipment systems which consists of: Compressed fuel gas, Cooling water (service & circulate water), Demineralized water, Compressed air (instrument & service), industrial gases (H2, N2, CO2) systems & operating system (Yokogawa). Each one of them contains equipment such as:
    - Compressors: Centrifugal (Atlas Copco), Piston (Atlas Copco) & Screw (CompAir).
    - Pumps: Centrifugal, double suction (CW-HYDRO), Vertical, mixed flow (Ebara), Horizontal, multi-stage (Ebara).
    - Other equipment such as filters, dryers...etc.
  - Attended the commissioning of controllers and field instruments belonging to the following parts:
    - Steam Turbine & Generator, Contractor "Ansaldo Energy".
    - Heat Recovery Steam Generator (HRSG), Contractor "NEM".

**Dates** : From Dec. 2008 till Sep. 2009  
**Employer** : MISR MARINE & REEFER SERVICES  
**Job title** : Sales Manager

**Dates** : From Jan. 2007 till Nov. 2008  
**Employer** : FORMING Co.  
 (Manufacturing M/Cs. & Conveyors for medicine & foods industries)  
**Job title** : Design & Executing Engineer

**Dates** : From Aug. 2005 till Jul. 2006  
**Employer** : Egypt Maintenance Co. (EMC)  
**Projects** : • Installing Semi Fixed Foam System in SUMED (Sidi Krir Terminal) (from Dec. 2005 till Jul. 2006)  
 • Maintenance of Tank S-2 in SUMED (Sidi Krir Terminal) (from Aug. 2005 till Dec. 2005)  
**Job title** : Site Engineer

**Dates** : From Mar. 2005 till Jul. 2005  
**Employer** : A.B.B. Co.  
**Project** : Establishing the fire fighting network in San Stefano Grand Plaza  
**Job title** : Site Engineer

**Dates** : From Dec. 2004 till Mar. 2005  
**Employer** : Al-Moasassa Alarabia  
**Project** : Establishing feed & waste water pipe networks of a military unit  
**Job title** : Site Engineer