

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience, including 7 years working as Operation Engineer at Sidi Krir Combined Cycle Power Station.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 04/08/1986  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2008

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Courses during education:
  - Analysis of faulted power system.
  - Power system protection application.
  - Static relays and digital protection fundamentals.
  - Analysis of all motors.
  - Speed control for all motors.
- : Summer trainings at:
  - Sidi Krir Power Station (2007).
  - Abu Qir Power Station (2006).
- : Certificate of completion of training transformer protection.
- : Certificate of completion of training of AREVA transformer operation.
- : Certificate of completion of training of emergency Diesel generator.
- : Certificate of training operation of NEM boiler of Heat Recovery Steam generator and its auxiliaries.
- : International Computer Driving License (ICDL).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2010 till now  
**Project** : Sidi Krir Combined Cycle Power Station (750MW)  
**Job title** : Operation Engineer  
**Job Description** :

- Responsible for operating and monitoring gas turbine (GT Mitsubishi M701F), steam turbine (Ansaldo Energia RH-TCDF 43), heat recovery steam generator boiler (HRSG boiler NEM) & Auxiliaries that serves GT & STG.
- Perform necessary checks before equipment start-up.
- Making temporarily start-up & shutdown for equipment.
- Identifying problems that happened at operation process and releasing work orders to the specified maintenance department.
- Delivering reports that include machines condition.
- Analyze periodical data collected weekly.
- Make temporarily start-up & shutdown for equipment.
- Treatment with medium voltage switch gear and high voltage switch gear.

**Dates** : From Feb. 2009 till Apr. 2010  
**Project** : Misr El-Amria Power Station  
**Job Description** :

- Maintenance Engineer for thermo oil station which treatment with control circuit, panels, motors and devices of heater.
- Operating of thermo oil station.
- Operating of generator and connecting it with transformer station.
- Treatment with medium voltage switch gear and its protection.
- Protection of transformer.
- Control circuit for motors of feed water pump, cooling pump, fans and Devices of boiler.
- Operating of power station.

**Dates** : From Aug. 2008 till Feb. 2009  
**Employer** : Lector electrical products & contracting  
**Job Description** : Engineer in bus duct department, which responsible for construction bus duct with different rating.

## Skills:

- Basic skills for PLC s7-200.
- Good experience in electrical drives and induction machines.
- Good experience dealing with control circuits.
- Good experience in power system Dynamic Simulation using MATLAB/Simulink.
- Basic programming skills using Visual Basic, MATLAB, Basic and FORTRAN.