

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience working in operation, start-up and maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 02/08/1985  
Gender : Male  
Marital Status : Married  
Residence : Assiut

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2007  
: Working on M. Sc. degree about load frequency control, turbine governor control and AVR

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Programming MATLAB 7  
: PLC Simulation Program  
: Etab  
: DIALux

## **TRAINING COURSES AND CERTIFICATIONS**

: International Computer driving license (ICDL).  
: Course in Programmable Logic Controller (PLC), Education Development Center at Assiut University.  
: Course in SCADA, Jelecom – Egypt (A.D.Panasonic).  
: Course in Building's electrical loads & lighting design, Jelecom – Egypt (A.D.Panasonic).  
: Course in Project Management, Assiut Cement Company (CEMEX).  
: Training at Assiut electricity distribution sec. (Middle Egypt Electricity Distribution Company).

- : Training at Assiut Thermal Power Plant (El Welidia), Upper Egypt Electricity Production Company.
- : Training at Assiut Oil Refining Co. (ASORC).
- : Teamwork of symposium on "Determination of Energy Pattern in the Rural sector Assiut Gov." (Assiut University & Organization for Energy Planning – Cairo).
- : Introductory course about El-Kureimat Combined Cycle Power Plant (2x750MW):
  - First module: 2x250MW Siemens gas turbine / 2 HRSG – Skoda-CMI / 1x250MW Hitachi steam turbine.
  - Second module: 2x250MW GE gas turbine / 2 HRSG – Antik-CMI / 1x250MW Alstom steam turbine.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2010 till now
- Employer** : Upper Egypt Electricity Production Company
- Project** : Assiut Thermal Power Plant (El Welidia) 2x312MW
- Job title** : Operation Engineer
- Job Description** :
  - Start-up and shut-down procedures for thermal power plant 2x312MW (Cold and Hot Start-up and normal or emergency shut-down).
  - Turbine & auxiliaries operation (Toshiba & Ansaldo).
  - Boiler & auxiliaries operation (Mitsubishi & Ansaldo).
  - Testing and changing-over for all Mechanical equipment locally and from control room.
  - Good knowledge of hydrogen production plant.
  - Good knowledge of fire fighting system (water system, foam system and dry powder system locally and alarms control panel).
  - Good dealing with industrial safety requirements.
  - Operation of power transformers and GIS.
  - Operation of emergency & DC backup systems.
- Dates** : From Jun. 2010 till Oct. 2010
- Employer** : Egyptian Communication Company (Telecom Egypt) – Assiut electrical power and air conditioning administration
- Job title** : Maintenance Engineer
- Job Description** :
  - Backup power systems.
  - Diesel generators.
  - DC networks, Rectifiers and Batteries.
  - UPS.
- Dates** : From May 2008 till Jun. 2010
- Employer** : Middle Egypt Electricity Distribution Company
- Job title** : Operation & Maintenance Engineer
- Job Description** : Good experience in the following:
  - Low voltage networks.
  - Medium voltage networks.
  - Cables & cable joints/terminal.
  - Transformers maintenance.

- Installation of distribution networks.
- Power system troubleshooting.