

Holds a B. Sc. in Electrical Engineering and has about 12 years hands-on experience working in commissioning, start-up, operation and maintenance at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 18/07/1976  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2003

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: Training courses at West Delta Electricity Production Company:

- Operating Thermal Power Station.
- Operating Thermal Turbine, Boiler, Generator, Transformers.
- First Aid.
- English courses.
- AutoCAD 2010 course.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2011 till now  
**Employer** : West Delta Electricity Production Company  
**Project** : Damanhour Thermal Power Plant (300MW)  
**Job title** : Operation / Maintenance Shift Engineer

- Job Description** :
- Operation and maintenance of electrical transformers 22/220KV, 220/6.3/6.3KV, 6.3/380KV.
  - Installation and maintenance of dry transformers 6.3/380KV.
  - Maintenance of all MV substations in the plant (MV switches, breakers, transformers, LV / MV motors).
  - Maintenance and repair of electrical switches & circuit breakers with voltage 220KV isolated by SF6 GIS.
  - Maintenance of electrical transformers 22 / 220KV – 220/6.3/6.3KV, 6.3/380KV.
  - Maintenance and repair of electrical switches, low voltage as the voltage 6.3KV & 380 V.
  - Regular maintenance work on electrical generators and excitation units and cooler for the generator.
  - Regular maintenance & work overhauling and testing of electric motors with different powers.
  - The ability to handle and reading of electrical diagrams and deal with the various control systems such as PLC & DCS.
  - Work with electrical engineering drawings using AutoCAD software.

- Dates** : From Apr. 2010 till Dec. 2010
- Employer** : ANSALDO Energia
- Project** : EI-Atf Combined Cycle Power Plant (750MW)
- Job title** : Commissioning, Start-up & Maintenance Engineer
- Job Description** : Installation, testing and operation of electric motors from 380 V load center and motor control center (MCC) the following:
- Generator seal oil system.
  - Generator H<sub>2</sub>-CO<sub>2</sub> system.
  - Double towers drying system.
  - Vacuum system.
  - Steam seal system.
  - Steam lubrication system.
  - Steam turbine by pass system.
  - Steam turbine trip system.
  - Steam turbine start-up & shut down system.

- Dates** : From Oct. 2005 till Mar. 2010
- Employer** : West Delta Electricity Production Company
- Project** : Damanhour Thermal Power Plant (300MW)
- Job title** : Electrical Operation & Maintenance Engineer
- Job Description** :
- Commissioning, testing & putting into service of the aux. system such as:
    - Motor Control Center (MCC).
    - Fire fighting system.
    - Battery and battery charger.
    - Inverter system (UPS).
  - Maintenance and repair work and the work of the periodic tests on electrical motors – transformers.

- Necessary repair work on the oil circuits and circuits for operating the steam turbine to ensure the continuity of the unit.
- Operation of electrical equipment from the control room by DCS system.