

Holds a B. Sc. in Electrical Power Engineering and has about 9 years hands-on experience working as Protection Engineer in Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 29/12/1978  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Electrical Power Engineering, Suez Canal University, 2002

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Basic Maintenance and Operation training on steam turbine 250MW by Mitsubishi Heavy Industries Company, Nagasaki – JAPAN (Sep. 2006).
- : Basic Maintenance and Operation training on generator 250MW by Mitsubishi Corporation Energy Systems Company, Kobe – JAPAN (Sep. 2005).
- : Basic Maintenance and Operation training on steam turbine 250MW by Mitsubishi Heavy Industries Company, Nubaria (Jul. 2006).
- : Numerical protection relay course by GE Consumer & Industrial Multilin, Nubaria (Aug. 2005).
- : Numerical protection relay course by AREVA Company, Nubaria (Jun. 2005).
- : On-site training for protection relays, control instrument and HV switchgear by ABB Company, Nubaria.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Nov. 2009 till now  
**Project** : Sidi Krir Power Plant

**Job title** : Electrical Protection Engineer  
**Job Description** : Testing and commissioning for all relays and SWG.

**Dates** : From 2002 till Oct. 2009

**Project** : Nubaria Combined Cycle Power Plant 1500MW:

- Two modules each module consists of:
  - Two Siemens CTG 250MW type V94.3A.
  - Two horizontal Alstom HRSG.
  - One Mitsubishi STG 250 MW (HP, IP, LP).
- 220KV switchyard.
- 500KV switchyard.
- Four tie transformers 500/220KV.
- Medium and Low Voltage switchgears 6.3KV.

**Job title** : Protection Engineer

**Job Description** :

- Witness for all tests in switchyard 500/220KV switchgears 16.5/6.3KV (CB, CT, PT, etc.).
- Some tests (Polarity, Muger, turns ratio).
- Witness for all tests on Power Transformers (Tie transformers, Main, Aux. transformer).
- Witness for some tests (DC resistance, Insulation test, turns ratio, Tan  $\delta$ ).
- Witness for some tests of some relays Low Voltage switchgears (6.3KV, 400V).

Relays Software Application Skills:

- CAP (for ABB product)
- MICOM S1 (for AREVA T&D products)
- EnerVista (for GE MULTILIN products)
- IPSCOM (for BECKWITH ELECTRIC products)
- SFT2841 (for SCHNEIDER products)
- DEGSI 4 (for SIEMENS products)

**Field of experience and other qualifications:**

- Electrical constructions for switchyard (500/220KV - 16.5/6.3KV).
- Commissioning and start-up for steam turbine generator (Mitsubishi).