

Holds a B. Sc. in Electrical Power Engineering and has over 21 years hands-on experience in testing, protection, commissioning, maintenance and operation of electrical equipments.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 12/10/1963  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Electrical Power Engineering, Helwan University, 1986

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Bus bar protection REB 500 and Bus bar protection with feeder protection REB500sys, protection and control unite RE.316x4 operation and maintenance at ABB University Switzerland, Oct. 2003.
- : At Network Training Center:
  - Feeder protection (p4c), Oct. 1999.
  - Transformer protection (p4b), Sep. 1999.
  - Bus bar protection (p4a), May/Jun. 1999.
  - Protection fundamentals (p2), Mar. 1999.
  - P.S.O. Power System Operation, Feb./Mar. 1997.
- : At Work & Training Center:
  - Inspection and maintenance of Circuit Breakers, Jan./Feb. 1999.
  - Inspection and maintenance of lead acid batteries and alkaline batteries, Dec. 1998.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2004 till now  
**Employer** : O.M.P.C. (Operation Maintenance Power Company)  
**Project** : El-Kureimat Power Station  
**Job title** : Protection Engineer  
**Job Description** :
  - Testing of all protection relays of two generators 2x650 M.V.A.
  - Testing of all protection relays of two switchgear 6.3KV relays.
  - Testing of all protection relays of two load center.
- Dates** : From Nov. 2002 till Mar. 2004  
**Employer** : EEA  
**Job title** : Protection Engineer  
**Job Description** :
  - Commissioning of 3 transformer 66/11KV, 25MVA Basateen Station 66KV.
  - Commissioning of 6 circuits 220KV (ABB, Alstom, Siemens), Tebeen Cairo South Station 220KV.
  - Commissioning of 4 circuits 220KV (Alstom) Cairo South Station 220KV.
  - Testing of protection relays for Cairo South (Tebeen, Sakr Krish, Basateen, Ain El-Sira).
- Dates** : From Mar. 2002 till Oct. 2002  
**Project** : ABB High Voltage E.A.S.R.O.C. Station Project  
**Job title** : Site Manager  
**Job Description** : Responsible for all erection works of 2 transformers 220/30KV, 150MVA & 2 transformers 220/11KV, 50 MVA, 6 Feeders & Coupler (earthling system, laying cable power, control & fiber, 11KV panel) termination of power & control cable for march ling, control, protection panel, laying bus bar, all steal works.
- Dates** : From Jan. 2002 till Feb. 2002  
**Employer** : Electro Tec. Company  
**Job Description** : Commissioning of Beni Suef Station 220/66KV.
- Dates** : From Jul. 2000 till Nov. 2001  
**Employer** : Tarade Co.  
**Project** : C.R.C.C. (Cairo Regional Control Center) Project  
**Job title** : Electrical Engineer  
**Job Description** :
  - As Construction Engineer:
    - For Gammra, Katamia, Zahraa el maade, El Basateen, Cairo West, Cairo East substations.
  - As Shut Down Engineer:
    - For Cairo East, Abu Zabal, Cairo North, Tebeen 1, 2, 3, 4, Embaba, Cement tura, Zeneen substation 66KV.
  - Responsible for:
    - Check all internal wiring.

- Connect the C.R.C.C. wires to E.E.A. Right Point & test all that points.
- As a general check RTU offline test job.
- For Ein syra, Cairo East, Marwa, Bassten, Mukatem, Tebben 1, 2, 3, 4, G. Eldahab, Tura, Elremaia, Cairo West, El maade, Maasna 99 substation 66KV responsible for:
  - Comparing between the RTU output and substation stat (C.B., E.S., D.S., protection relay stat, reading of different feeder's amp, Volt, MW, MVA) as online test with scads.
- For Cairo West, Tebben 1, 2, 4, Cairo East, Elremaia, Zahraa el helmia, North el saaf, old abu zabal substation 66KV responsible for:
  - Operate with scads system on C.R.C.C. for test all points.

**Dates** : From Nov. 1998 till Jul. 2000  
**Employer** : EEA  
**Job title** : Protection Engineer  
**Job Description** : Testing, maintenance, commissioning the protection apparatus in Heliopolis, Cairo East, Wadi Hof, Sakr Kurish & Cairo South substation for transformers 220/66/11KV, transformers 66/11KV, circuits 220KV, circuits 66KV, feeders 11KV.

**Dates** : From Apr. 1994 till Aug. 1996  
**Employer** : Prince Khaled Ben Sultan Palace  
**Job title** : Electrical Engineer  
**Job Description** : Responsible for operating, maintenance & testing a small electric station (2 transformers 11000/400V, 2 CB 11000V, 1 bus coupler 11000V) and load center 400V.

**Dates** : From Aug. 1989 till Nov. 1998  
**Employer** : EEA  
**Project** : Cairo South Transformer Station  
**Job title** : Maintenance Engineer  
**Job Description** : Maintenance of two transformers 75 M.V.A., 13 circuits 220 KV, 1 ½ circuit breaker system S.F.6 gas insulation.