

Holds a B. Sc. in Electrical Power & Machines Engineering and a post graduated Diploma in Electrical Power Engineering. Has about 14 years hands-on experience working mainly in maintenance field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/10/1980  
Gender : Male  
Residence : Dakahlia

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering  
: Post graduated Diploma in Electrical Power Engineering (Renewable Power Generation and Transmission)  
: Registered for Master degree, Mansoura University

## LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Matlab  
: C/C++ language  
: Sepam "Schneider"  
: Digi "Siemens Enervista"  
: Spice "Microsim"  
: Visual Basic  
: Graphics & Multimedia

## TRAINING COURSES AND CERTIFICATIONS

: Electro Tharwat training course infield of T35 and G60 for transformer and overall protection, Banha Project (2015).  
: Ansaldo training in field of electrical maintenance, excitation and protection, Italy (2014).  
: Hyundai GIS 220KV electrical maintenance, Banha Project (2014).  
: Siemens protection relays 220KV, Banha Project (2014).

- : Hitachi training course on air compressor systems, Banha Project (2014).
- : Hitachi training course on emergency diesel generator, Banha Project (2014).
- : Hitachi training course on H2 systems, Banha Project (2014).
- : Schneider switch gear 6.3KV, load centre and MCC 400volt maintenance, Banha Project (2014).
- : GE training in field of electrical maintenance, excitation, protection and start-up means, France (2013).
- : Training in the field of MPIS, Talkha Power Plant (2011).
- : Tap Changer, Helwan Training Center (2009).
- : Safety operation and maintenance in electrical power network, North Cairo Training Center (2008).
- : Training on Safety application and instructions, Talkha Power Plant (2007).
- : Training on chemical treatments for combined cycle, Talkha Power Plant (2006).
- : Training in the field of power generation, control and protection, EDC Petroleum Company on RIG 9 (2004).
- : Training on machines electrical maintenance and production of high tension cables (LAN, Telephone, Coaxial, Instrumentation, Automotive wires and high tension cables) and fiber glass poles, El-Sewedy Group "United Industries" (2003).
- : Water Treatment stages, Nubaria Water Treatment Station (2003).
- : Training on transformer, counters and distribution board maintenance, East Delta Electrical Power Distribution Co.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2012 till now  
**Employer** : MDEPC  
**Projects** :

- Banha Power Generation Project 750MW Combined Cycle Installation Project
- Banha 220KV GIS Installation Project
- Gas Turbines GE Power Plant with Combined Cycle 8\*x25 + 2x50MW with 8 HRSG

**Job title** : Head of Electrical Maintenance & Installation & Commissioning Dept.

**Dates** : From Sep. 2004 till 2012  
**Employer** : MDEPC  
**Project** : Talkha Power Plant  
 (gas turbines GE with combined cycle 8x25 + 250MW with 8 HRSG):

- 2 units gas turbine 2x250MW
- 2 steam turbines 2x210MW
- 8 units gas turbines 8x25MW
- 2 units Diesel Engines generators 608 KVA
- Substation 15/220KV SF6 (GIS)

**Job title** : Electrical Maintenance Engineer

**Dates** : From Aug. 2003 till Sep. 2004  
**Employer** : ACC (Arab Cables Co.), El-Sewedy Group

- Job title** : Electrical Engineer
- Job Description** : Worked the field of production of high voltage power cables with insulation materials (XLPE – PVC – PE) using NOKIA, SIOPLAS, drawing metals and twisting conductors.
- Field of experience** :
- Testing relays for transformer, Breakers, Bus bar and generators different types Sepam "Schneider" - digsi "Siemens" - Enervista "GE".
  - Deal with troubleshooting of various voltages of circuit breaker 220KV - 15.75KV – 6.3KV – 3.3KV and 400 volt.
  - Deal with troubleshooting and routine maintenance of various types of circuit breaker Schneider - Hyundai - ABB, etc.
  - Familiar with types of GIS system routine maintenance troubleshooting.
  - Familiar with types switch gear – switch yard – MCC control systems.
  - Familiar with types and ratings of transformers till 500KV.
  - Commissioning and tests for transformers and current transformers like tan Delta – DC winding resistance – insulation test "MEGGER" – turns ratio – oil Break down tests.
  - Familiar with types SF6 circuit breaker - vacuum circuit breaker - oil circuit Breaker - air circuit breaker and disconnecting and grounding switches.
  - Main condenser and its accessories equipment maintenance.
  - Lube oil system, oil purification system maintenance.
  - Programmable controllers.
  - Familiar maintenance for chemical systems and pumps and compressors Electrical equipment.
  - Maintenance for proton H2 generation units systems.
  - Lighting system maintenance.
  - Making simple and overhaul maintenance for gas and combined units.
  - Making simple and overhaul maintenance for power and control circuits for 400 V, 6.3KV, 11KV, 15.75KV and 220KV.
  - Doing maintenance for UPS systems.
  - Doing maintenance for Batteries system.
  - Doing maintenance for sea water intake system.
  - Cathodic protection routine maintenance.
  - Follow up the Electrical protection systems through fairs and seminars.
  - Training new Engineers and operators.