

Holds a B. Sc. in Electrical Power Engineering and has about 7 years hands-on experience in operation, maintenance, commissioning and start-up of Power Stations.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/10/1977  
Marital Status : Married

## EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 2003

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2010 till now  
**Employer** : Ansaldo Energia  
**Project** : El-Atf Combined Cycle Power Plant (750MW)  
**Job title** : Commissioning & Start-up Engineer

**Dates** : From 2006 till 2009  
**Employer** : West Delta Company for Electric Generation  
**Project** : Damanhour Thermal Power Station 320MW (Zawiat Ghazal)  
**Job title** : Electrical Maintenance Engineer

**Dates** : From 2004 till 2006  
**Employer** : West Delta Company for Electric Generation  
**Project** : Damanhour Thermal Power Station 320MW (Zawiat Ghazal)  
**Job title** : Operation Engineer  
**Job Description** : Turbine & Boiler operation & GIS switchgear 220KV, 6.3KV.

**Field of experience:**

- Maintenance of auxiliaries of Generator 422 MVA Thermal Power Station and static excitation.
- Commissioning and start-up of Generator 340 MVA Thermal Unit Combined Cycle Power Station and static excitation and auxiliaries.
- Change bushing 22KV of main Transformer 22/220KV and purifier transformer oil.
- Commissioning and testing of Transformers 22/6.3/6.3KV & 220/6.3/6.3KV & auxiliaries' dry transformer 6.3/0.4KV.
- Testing and commissioning 6.3KV bus bar.
- Testing current and voltage transformer.
- Testing and commissioning power transformer (medium and high voltage).
- Testing high voltage lighting arrestors.
- Testing and commissioning high voltage 220KV GIS.
- Testing and commissioning medium voltage generator.
- Testing the earthing ground.
- Pulling under ground cable and testing all types of cables.
- Insulating, testing and commissioning medium voltage motor and fan.
- Testing the direct current system (DC).
- Testing and commission all types of protection relays.
- Testing and commission power transformer, generator and motor.
- Testing all measurements power transformer, etc.
  - DC Resistance.
  - Insulation resistance.
  - Dissipation factor (tan).
  - High voltage test.
  - Turns ratio measurement.
- Maintenance and test and major overhaul of GIS switchgear C.B. 220KV & C.B. 6.3KV and test of its isolated gas SF6.
- Maintenance and test control circuits of C.B. 220KV, 6.3KV, 0.4KV.
- Modification of control circuit of GIS 220KV C.B. & 6.3KV & 0.4KV.
- Maintenance and test control circuits of ATS automatic change over between C.B.
- New installation of distribution panel 6.3KV & 380V & UPS unit.
- Maintenance and test and major overhaul for nickel cadmium batteries used for 48V & 220V & UPS unit.