

**104054-ELE-12MOS-E-2006**  
**Electrical Commissioning Engineer**

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

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : El-Zaitoon, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Al-Azhar University, 2006

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AUTOCAD  
: FORTRAN  
: MATLAB  
: VISUAL BASIC

## TRAINING COURSES AND CERTIFICATIONS

: Fault analysis using infrared camera (2015).  
: SEL protection devices and ACSELERATOR QUICKSET software (2015).  
: LED Technology for lighting systems training course by Dr. Camelia Yossof (2014).  
: Sepam protection devices and its software (2012).  
: M.V switchgear, load center and mcc maintenance for Schneider Company (2012).  
: Micoms protection devices (P121, P125, P63X) and Micoms software (2011).  
: Power transformer operation and maintenance course for one month by HYOSUNG Company in South Korea (off-shore training) (2010).  
: Substation control system course (2009).

- : Maintenance basics course for 220KV and 66KV Gas Insulated Switchyard (GIS) (2009).
- : Siemens protection devices and DECSI software (2009).
- : Control contactors course at SALESIAN INSTITUTE (2007).
- : Power plant equipment and system theory and application at SHOUBRA EL-KHEIMA Power Plant Training Center (2007).
- : Training at ABB Co. (2005).
- : Protection course at Network Training Center (Ministry of Electricity) (2004).
- : Training at Station Training Center (Ministry of Electricity) (2004).
- : Visual Basic course at Cairo University (2003).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2017 till Sep. 2018
- Employer** : [EGYPTROL](http://www.egyptrol.com), Al Toukhi Subcontractor
- Project** : Conversion of Hail-2 simple cycle to combined cycle power plant project, Siemens STG 185 MVA
- Job title** : Electrical Commissioning Engineer
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- Dates** : From Apr. 2017 till Dec. 2017
- Employer** : Advanced Power Company
- Projects** :
  - El Mostasmemreen 220/66/11KV S/S GE GIS
  - BENI SUEF FOR CEMENT 220/11KV - SIEMENS GIS S/S
  - BENBAN 220/22KV XD-EGEMAC GIS S/S
- Job title** : Electrical Commissioning Engineer
- Job Description** :
  - Perform Loop check, function test and interlock test activities for ALSTOM GIS SF6- 66KV F35 TYPE and control & protection panels.
  - Secondary injection using FREJA 300 - CMC 356.
  - P141, C264P testing.
  - Primary injection using CPC100.
  - Tapcon 230 AVR Testing.
  - Cable High pot testing using HVTS-70/50.
  - EMERSON UPS Commissioning and Energizing.
  - Prepare site test sheet reports and as built drawing.
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- Dates** : From Oct. 2016 till Apr. 2017
- Employer** : Delta Power
- Project** : Barawa 1 & 2 substation 66/22KV 2 x 40 MVA
- Job title** : Electrical Construction Site Manager
- Job Description** :
  - Ensure daily, weekly and monthly progress report is maintained.
  - Reviewing design scope and approach with regards to constructability and submitting recommendations for changes that will improve the finished project.
  - Attending pre-site and on site meetings during the contract.
  - Ensure applying safety requirements.
  - Determine manpower levels to attain schedule milestones and monitoring manpower levels to ensure conformance to the plan.
  - Monitoring productivity and implementing appropriate action to maintain

- labor productivity.
- Planning and managing the project's temporary facilities.

**Dates** : From 2010 till 2016  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : El-Tebbin Thermal Power Plant 2x350MW  
**Job title** : Electrical Maintenance Engineer  
**Job Description** :
 

- Responsible for the Maintenance of power engineering system components in the power plant and substation.
- Perform Maintenance, troubleshooting and fault analysis.
- Leading group of technicians to perform the periodic maintenance for the electrical equipment.
- Training of electrical and operating personnel.

**Dates** : Jun. 2015  
**Employer** : Elsewedy Electric T&D  
**Project** : Assiut El-Hamra Site 4x25MW (TM2500GE gas turbine)  
**Job title** : Electrical Commissioning Engineer

**Dates** : 2012  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : El-Tebbin Unit 2 Rehabilitation  
**Job Description** : Inspection for all equipments, identify the damaged equipment and replace it including the following:
 

- Testing the new cables and put it in service.
- Repairing the damaged circuit breaker.
- Testing for the generator protection relays.

**Dates** : From 2007 till 2010  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : El-Tebbin Thermal Power Plant Project 2x350MW  
**Job title** : Electrical Commissioning Engineer  
**Job Description** :
 

- Testing and commissioning 220KV and 66KV Gas Insulated Switchyard (GIS).
- Testing and commissioning 220/66KV Tie Transformers.
- Testing and Commissioning Sub-station control system (SCS) for 220KV and 66KV sub-station.
- Testing and commissioning all protection relays for 220KV, 66KV switchyard.
- Testing and commissioning of the power plant auxiliaries including the switchgear, load centers, Motor Control Centers.
- Coordinate site inspections, manpower and the material flow at the site.

**Dates** : From 2006 till 2007  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : Shoubra El-Kheima Power Station 4x315MW  
**Job title** : Electrical Maintenance Engineer

- Job Description** :
- Operation and monitoring of Thermal Power Station using DCS/SCADA systems.
  - Perform Maintenance, troubleshooting and fault analysis.