

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years experience in the field of testing of substations up to 220KV, 66KV and 13.8KV and testing of wide variety of protection relays.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/08/1988  
Gender : Male  
Residence : Maadi, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2011

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D  
: Matlab programming software

## TRAINING COURSES AND CERTIFICATIONS

- : Continuous performance of power system instrument transformer, Institute of network training center (2 weeks).
- : Basic protection for electrical systems, Institute of network training center (2 weeks).
- : Basics of digital protection, Institute of network training center (1 weeks).
- : Power transformer protection, Institute of network training center (2 weeks).
- : Testing using Secondary injection tester (Omicron), Institute of network training center (1 week).
- : Bus Bar protection and Configuration, Institute of network training center (2 weeks).
- : Summer trainings at:
  - Arab Consultants Group (ACG) (1 month in 2011).
  - Egyptian Iron and Steel Company (3 weeks in 2009).
  - Eastern Company (2 weeks in 2008).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2015 till now  
**Employer** : Egyptian Electricity Transmission Company, Cairo  
**Projects** :

- Participated in testing and commissioning of South Tebbin substation 220/66/11KV
- Participated in testing and commissioning of South El-Zahra substation 66/11KV
- Participated in testing and commissioning of El-Marakby substation 66/22-33KV
- Participated in testing and commissioning of El-Eskan substation 66/22-33KV

**Job title** : Electrical Protection & Testing Engineer  
**Job Description** :

- Testing and commissioning of substations up to 220KV (11KV, 66KV and 220KV).
- Testing and setting of feeder Protection O.C and E.F relays, transformer differential and line distance relays with various protection functions.
- Testing of different protection relay brands including Siemens and ABB.
- Current transformer and voltage transformer testing.
- Excellent use of advanced testing tools (Sverker tester and Omicron tester).
- Excellent use of software (Siemens DIGSI, ABB PCM 600, Schneider SFT).
- Ability to read substation control drawings and troubleshoot problems.

**Dates** : From Jul. 2012 till Mar. 2015  
**Employer** : South Cairo Electricity Distribution Company, Cairo  
**Job title** : Medium Voltage Engineer  
**Job Description** :

- Periodical tests and maintenance for Medium Voltage electric distributors and panels.
- Assembling, Testing and Commissioning of Medium voltage Panels in many Projects in south Cairo area.
- Current transformer and voltage transformer testing.
- Testing of different protection relays brands including Siemens, ABB, GE and Areva.

**Dates** : From Jan. 2012 till Jul. 2012  
**Employer** : Asec Automation Company, Cairo  
**Job title** : Automation Engineer  
**Job Description** :

- Design of PLC for cement factories using Function Block programming language.
- Design of HMI screens.
- Design the logic diagram for various types of PLC, such as Allen Bradley, Siemens and Schneider.