

Holds a B. Sc. in Electronics & Communication Engineering and has about 8 years hands-on experience working in protection and testing.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/01/1988  
Gender : Male  
Marital Status : Married  
Residence : Ismailia

## **EDUCATION**

: B. Sc. in Electronics & Communication Engineering, Shorouk Academy, 2009  
: Diploma of higher studies in "Electrical power systems protection", Cairo University, 2014-2016

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Current transformer and Voltage transformer "P1" (Jan. 2011).  
: Protection fundamentals "P2" (Jun. 2011).  
: Basics of control circuits "Aux-1" (Apr. 2012).  
: Bus-bar protection "P4A" (Jun. 2012).  
: Basics and principles of protection (Dec. 2012).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2010 till now  
**Employer** : East Delta Electricity Production Company  
**Job title** : Protection Engineer

- Job Description** :
- Testing of Generator protection relays: Differential, Loss of excitation, over flux, over load, over-under voltage, Power reverse, Earth fault, over-under frequency, short circuit, Unbalance load, 100% stator E.F, 90% stator E.F.
  - Testing of Transformers Protection relays: Differential, over current, Restricted Earth fault, Earth fault, short circuit, Unbalance load.
  - Testing for transformers: DC Resistance, Tan  $\delta$ , turns ratio, Insulation test.
  - CT and VT Testing.
  - Testing of transmission Line protection relays: Distance ,Line Differential, Over current, Earth fault, short circuit, Breaker Failure Relay.
  - Testing of Feeders protection relays: Distance, Line Differential, Over current, Earth fault, short circuit, Breaker Failure Relay.
  - Testing of Circuit Breaker CB: Main contact resistance and closing, tripping time.
  - Calibrating and programming of energy measuring meters.
  - Thermography for all joint points in electrical network (500KV, 220KV, 66KV) & Transformers.
  - Earth resistance measuring.