

**105966-ELE-2PT-E-1996**  
**Protection, Testing & Commissioning Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and Pre-master Diploma on protection of Electrical power networks. Has over 21 years hands-on experience working in protection, testing and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 20/12/1973  
Gender : Male  
Marital Status : Married  
Residence : Ismailia

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 1996  
: Pre-master Diploma on protection of Electrical power networks, 2005

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: PMP 6 Course.  
: Certificate from ISA for being trained on DRTS6 (KSA) (2000).  
: Certificate from ALSTOM for being trained on MICOM P440, P540 and Digital Control systems (LATTES, FRANCE) (2002).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2015 till Jun. 2018  
**Employer** : National Excellence for Construction Energy Co. (NECE), KSA  
**Project** : Tabuk Housing SS  
**Job title** : Coordinator for Testing and Commissioning  
**Job Description** : To coordinate high voltage substation up to 380KV.

**Dates** : From Aug. 2014 till Apr. 2015  
**Employer** : Projects & Suppliers Co. (AUVA), KSA  
**Project** : Substation 8523  
**Job title** : Coordinator for Testing and Commissioning  
**Job Description** : To coordinate high voltage substation up to 132KV.

**Dates** : From Sep. 2013 till Jul. 2014  
**Employer** : AL-ESSA Trading & Contracting, KSA  
**Job title** : Testing and Commissioning Department Manager  
**Job Description** :

- Participate in establishment of testing and commissioning department.
- Coordinate between our team and (sec-co), and manage a technical support.
- Programming, configuration and testing of main relays.
- I can do function test, final trip, end to end test and on load test in many HV 132KV substations.

**Dates** : From Jan. 2012 till Sep. 2013  
**Employer** : Egyptian Electrical Transportation Company  
**Job title** : Protection Dept. Manager  
**Job Description** :

- Installation, configuration and testing of protective relays.
- Calculate and program the setting values for the most famous protective relays.
- Analyze the faults and the disturbances which occurred at (66KV & 220KV and 500KV) substations.
- Rehabilitation & replacement & testing and operation for all components of high voltage substations (power transformer, CB, isolators, CT, VT, protection and control panels...etc.).
- Give courses of (protection principals, testing of numerical relays for the most used manufactures, using of secondary injection test equipment such as OMICRON CMC256 and ISA DRTS6).
- Within a tender dealing with many importing companies to import a numerical relays and test equipment.

**Dates** : From Nov. 2007 till Jan. 2012  
**Employer** : Al-Babtain Contracting Company, KSA  
**Job title** : Testing and Commissioning Engineer  
**Job Description** :

- Participate in establishment of testing and commissioning department.
- Coordinate between our team and (sec-co), and manage a technical support.
- Programming, configuration and testing of main relays.
- I can do function test, final trip, end to end test and on load test in many HV 132KV substations.

**Dates** : From Feb. 2001 till Oct. 2007  
**Employer** : Egyptian Electrical Transportation Company  
**Job title** : Protection Dept. Engineer

**Job Description** : 

- Installation, configuration and testing of protective relays.
- Calculate and program the setting values for the most famous protective relays.
- Analyze the faults and the disturbances which occurred at (66KV & 220KV and 500KV) substations.
- Rehabilitation & replacement & testing and operation for all components of high voltage substations (power transformer, CB, isolators, CT, VT, protection and control panels...etc.).
- Give courses of (protection principals, testing of numerical relays for the most used manufactures, using of secondary injection test equipment such as OMICRON CMC256 and ISA DRTS6).
- Within a tender dealing with many importing companies to import a numerical relays and test equipment.

**Dates** : From Aug. 2000 till Jan. 2001

**Employer** : Schneider Group, KSA

**Job title** : Testing & Commissioning Engineer

**Job Description** : 

- Testing and commissioning of (power transformer, CT, VT, contactors, aux relays...etc.) at 132KV substation.
- Installation and configuration of distance relay SEL 311C.
- Configuration and testing of (SER "Sequential Event Recorder Hathaway").

**Dates** : From Jan. 1997 till Jul. 2000

**Employer** : Egyptian Electrical Transportation Company

**Job title** : Protection Dept. Engineer

**Job Description** : 

- Installation, configuration and testing of protective relays.
- Calculate and program the setting values for the most famous protective relays.
- Analyze the faults and the disturbances which occurred at (66KV & 220KV and 500KV) substations.
- Rehabilitation & replacement & testing and operation for all components of high voltage substations (power transformer, CB, isolators, CT, VT, protection and control panels...etc.).
- Give courses of (protection principals, testing of numerical relays for the most used manufactures, using of secondary injection test equipment such as OMICRON CMC256 and ISA DRTS6).
- Within a tender dealing with many importing companies to import a numerical relays and test equipment.

**Field of experience** : 

- As witness on ELECTROIMPEX Company in Hurghada 66KV s/s (Egypt, 1998).
- As witness on SIEMENS Company in East Quantara 220KV s/s (Egypt, 1998).
- Responsible of configuration and operation fault recorder panels (Hathaway) in substations' Canal Zone (Egypt, 2004).
- Responsible of configuration, testing and operation more than 40 unit of rel511 and 20 unit of 7sa610 and 15 unit of 7ut610 in substations' Canal Zone (Egypt, 2005, 2006).
- Responsible of configuration, testing and operation more than 40 unit of

MICOM P442 and 15 unit of MICOM P543 in substations' Canal Zone (Egypt, 2003).

- Testing more than 80 relay (generator, motor, distribution protective relays) in Al-Obaiyad gas field (Egypt, 2005).
- Main member in committee of configuration and programming of numerical relays in central protection sector (Egypt, 2004-2007).
- Testing and commissioning all protective relays (ABB relays) in Al-Dakhla 66/33KV s/s within ABB (main contractor) (Egypt, 2007).
- As Team Leader for commissioning group in 8136 s/s 132KV and Coordinator with sec-c0 (KSA, 2008).
- In many sites at KSA such as:
  - 9012 380KV S/S (REJ 521 & FAULT RECORDER HATHAWAY IDM3 & MICOM P543).
  - 8125 132KV S/S (MICOM P543 WITH Mr. ARSHAD "SEC CO" & ARGUS 8 & MR AVC & DOUBAIS & IDM3).
  - 8124 132KV S/S (MICOM P442 & RED670).
  - 9013 380KV S/S (RED 670).
  - 8136 132KV S/S (AS A COORDINATOR OF TESTING AND COMMISSIONING GROUP).
  - 8147 132KV S/S (REL 670).
  - 8107 & 8105 132KV S/S (SEL 451 & REL 670 & MICOM P443 & REC 670).
  - 8086 132KV S/S (RED 670 & REC670 & SAS PROTECTION FOR ALL PROTECTIVE RELAYS).
  - 8712 132KV S/S (MICOM P543 WITH ALL MULTIFUNCTIONS Mr. BADR "SEC CO" & MICOM P442).
  - SAKAKA B 132KV S/S (SIEMENS 7SA522 & MICOM P443 & MICOM P841 & KAVS 100).
  - NEW QURRAYAT 132KV S/S (REL670 & MICOM P443).
  - 8055 132KV S/S (FUNCTION TEST & MICOM P633 & ALL SECONDARY INJECTION TESTS).
- ALSO PERFORM THAT (END TO END TEST & FINAL TRIP TEST) FOR THE MOST OF PREVIOUS SITES.
- Trainer for Omicron CMC 256 & ISA DRTS6 & many of most used numerical relays & many courses which concern with protection of HV power system.