

**100378-ELE-2CPT-E-2008**  
**Protection, Testing & Commissioning Engineer**

Holds a B. Sc. in Electrical Engineering and has over 8 years hands-on experience working in protection, testing and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 22/06/1986  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Engineering, Menoufia University, 2008  
: Master of Power System Analysis (Cairo University): passed 1st part with B+ grade and preparing for Thesis

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD drawing  
: PLC programming  
: Computer Aided Design (CAD)  
: Matlab, Simulink  
: Basic, Visual Basic, Fortran

## TRAINING COURSES AND CERTIFICATIONS

: Protection courses:

- Current Transformer & Voltage Transformer (P1).
- Protection Fundamentals (P2).
- Bus Bar protection (P4A).
- Transformer protection (P4B).
- Digital Protection Fundamentals (P6A).
- Digital Distance Protection MICOM (P6C).
- Omicron356 (P8).
- ABB Gas Insulated Switchgear.

- : Fundamentals of OHTL maintenance course (Mar./Apr. 2011).
- : Safety and supervision course at Networks Training Center (Feb. 2011).
- : Course on modern methods to define, identify, evaluate and control risks in the electrical stations at Cairo Region Control Center (Dec. 2010).
- : Basic Business Skills Acquisition (BBSA), Cairo, sponsored by the Future Generation Foundation (FGF) (from Nov. 2008 till Feb. 2009):
  - Developed Language and Computer Skills.
  - Enhanced Presentation & Project Development Skills.
  - Acquired Basic Business Skills including: Marketing, Sales, Banking, Accounting, Business Correspondence and Report Writing.
- : Quality Management Training at Arab Academy for Science Technology and Maritime Transport, which includes:
  - Quality Assurance (QA).
  - Quality Management (QM).
  - Customer Relationship (QRM).
  - Coaching (CH).
- : Training in Electrical Pump Field (Control and Drive) (3 months).
- : Training in Electrical Power Station, Shoubra El-Kheima Power Station (1 month).
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2017 till now
- Employer** : City Crown General Contracting Company (KSA)
- Job title** : Testing & Commissioning Engineer
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- Dates** : From Oct. 2009 till Apr. 2017
- Employer** : Egyptian Electricity Transmission Company
- Projects** :
  - Tebbin 500/220KV, Egypt
  - Tebbin south 220/66/11KV, Egypt
  - Wadi Hoof 220/66/11KV, Egypt
  - Cairo South 220/66/11KV, Egypt
  - Tebbin Generation 220/66/11KV switchyard, Egypt
  - Cairo South Generation 66/11KV switchyard, Egypt
- Job title** : Electrical Protection & Testing Engineer
- Job Description** :
  - Have a very good experience and work on all the latest technology used in the protection devices (relays) such as (differential, distance, line differential, over current, earth fault, bus bar, fault recorder and directional relays) in order to troubleshoot and solve any problem.
  - Have a very good experience and work on testing devices such as (Omicron, Severker, ISA, Primary Current injection and foster). And testing methods of the protection relays, and transformers.
  - Have a very good experience and work on most kind of protection devices Software such as (Siemens, Schneider, MICOM, ABB, GE, Areva, Schlumberger).
  - Have a very good experience and can clearly read most kind of wiring sheets such as (Merlin Gerin, Siemens, ABB, BBC, Schneider, GE, EGEMAC, AEG, Hyundai).

- Working on replacement of power transformers, high and medium voltage circuit breakers and isolators.
- Dealing with AC and DC distribution system in the substation.
- Work in the installation and programming of energy meters on transformers.
- Have a very good experience and work on most kind of capacitors banks as (Nokia, ABB, Schneider).
- I have to be in good communication with other 5 teams in the department to give support or take support as needed and in case I have to work in other team substation.
- I am requested to make and send a daily, weekly, bi weekly or monthly technical report with good presentation using Microsoft Word and Microsoft Power Point software to explain the action taken and the solution for any problem we handle And also make test sheets.
- Have a very good experience with different control and protection schemes.
- Working in new installation and extention in power substations such as:
  - Extention in Cairo South Substaion - Transformer 3, 220/66/11KV.
  - Extention in Tebbin 500 Substation - Transformer 2, 500/220/22KV.
  - Replacement Busbar 500KV protection relay in Tebbin 500 substation.
  - Replacement Busbar 220KV protection relay in Tebbin 500 substation.

**Dates** : From Oct. 2009 till Dec. 2011  
**Projects** : 

- Maadi South 220/66/11KV
- Maadi Technology 66/11KV

**Job title** : Project Engineer

**Dates** : From Mar. 2009 till Oct. 2009  
**Employer** : Elsalam Generator Company  
**Job title** : Electrical Engineer  
**Job Description** : Control and Drive of Generators.