

**101623-ELE-LMT-E-2007**  
**Maintenance & Testing Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 8 years hands-on experience in High Voltage Substations works (maintenance, testing power transformer, High – Medium Voltage equipments).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 05/03/1985  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2007

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: Training courses in Network Training Center of Egyptian Electrical Transmission Company (NTC):

- Gas Insulated Substation (GIS).
- Maintenance and testing power transformer.
- Protection Fundamental.
- Safety Precaution.

: Design and operation of Power Transformers in ELMACO Company.

: International Computer Driving License (ICDL).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2013 till now  
**Employer** : Al Fanar Company  
**Job title** : Maintenance & Testing Engineer (Testing & Commissioning Dept.)

**Dates** : From Jun. 2008 till Oct. 2013  
**Employer** : Egyptian Electricity Transmission Company  
**Project** : Cairo East Substation 220/66/11KV  
**Job Description** : Maintenance, testing power transformer, High – Medium Voltage equipments.

**Field of experience** :

- Knowledge of test equipment:
  - TM 1600 (Programma), MOM600A (Programma), SVEREKER 750 & 780 (Programma), FREJA 300 (Programma).
  - OMICRON (CPC 100), Foster Tester primary injection, CT analyzer test set.
- Testing of O/C AND E/F Relay:
  - ABB RELAY (RACID, SPAJ 140C and REF 615).
  - Schneider Relay (MCGG and sepam).
  - MICOM RELAY (P122, P139).
  - SIEMENS Relay 7SJ614.
- Testing of 13.8KV switchgear:
  - SIEMENS switchgear.
  - ABB switchgear.
  - Schneider switchgear.
- Testing of 132 and 380KV GIS:
  - HYUNDAI GIS 132KV and 380KV.
  - ABB GIS 132KV.
- Testing of ammeter, voltmeter, watt meter.
- Testing of ACDB / DCDB.
- Testing of MV cable.
- Testing and maintenance DC - Charger and Batteries.
- Testing and maintenance of power transformer up to 380KV.
- Testing and Maintenance all kinds of C.B high and medium voltage works.
- Testing of surge arrestors and grounding systems.
- Have good knowledge about commissioning for new substation.