

102615-ELE-12MOT-E-2008
Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience, including 7 years working in testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/01/1986
Gender : Male
Marital Status : Single

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Shorouk Academy, Higher Institute for Engineering, Cairo, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D
: Matlab
: Ecodial

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- Sisco for Loading & Uploading.
- Faheim for Motors.
- Dina for Shipping.
- Canal Electricity Distribution Co.
- Etaqa Electricity Station.

: Courses:

- AutoCAD 2D.
- Inverters.
- Substation protection.

: EGEMAC Training MV Switchgear, MCC, Load center.

: Electrical distribution course.

: Hyosung Training about Power & Distribution Transformers.

- : Distance relay (micom) at Network Training Center.
- : Power Transformers protection (Overcurrent & Differential) at Network Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2015 till now
- Employer** : Al-Gihaz Holding Company (GeSco)
- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Moaatamrat Substation 110/13.8KV:
 - Testing CT & VT in 13.8KV SWG and 110KV GIS.
 - Testing CB in 13.8KV SWG.
 - Pre-check drawings in 13.8KV.
 - Testing CT of power transformer 110/13.8KV.
 - Testing MCB & AUX Relays.
 - Secondary injection of CT in 13.8KV SWG & 110KV GIS.
 - Primary injection & Stability of bus bar in 13.8KV SWG.
 - Secondary injection of VT in 13.8KV SWG.
 - Al Madinah (MIC) Substation 380/110/33/13.8KV:
 - Testing CT & VT in 13.8KV SWG & 110KV GIS & 380KV GIS.
 - Testing CB in 13.8KV SWG & 110 & 380KV GIS.
 - Testing CT of power transformer 110/13.8KV & 380/110KV.
 - Testing MCB & AUX Relays.
 - Primary injection & Stability of Busbar in 380 & 110KV GIS.
 - Primary injection & Stability of Power Transformer & Shunt Reactor.
 - Hipot 10KV of Earth switch in 380 & 110KV GIS.
 - Contact resistance in 380 & 110 & 33KV GIS.
 - SF6 GAS analyzer and leakage Test.
 - Testing power Transformer 502 MVA & 67 MVA & 105 MVA.
 - Testing Distribution Transformer.
 - Testing shunt reactor 40 MVAR.
 - Testing Power Cables 13.8 & 33 & 110KV.
 - Testing High Voltage of 33 & 110KV GIS.
 - Testing Capacitor BANK.
 - AL HADDA CENTER 110/13.8KV S/S:
 - Primary injection of Busbar in 110KV GIS & 13.8KV SWG.
 - Stability of Busbar in 110KV GIS & 13.8KV SWG.
- Dates** : From Dec. 2009 till Feb. 2015
- Employer** : East Delta Electricity Production Co.
- Project** : El Ain El Sokhna Power Station
- Job Description** :
- Follow up the installation & testing of HV Switchgear GIS 500KV.
 - Follow up the installation of light current equipment like LV dry transformers, Main and Sub Distribution panels.
 - Follow up the installation and commissioning of power center and motor control centers.
 - Follow up the testing of Main power transformers (21KV/500KV).
 - Start-up of two units (650MW) each and synchronization with the 500KV grid.

Dates : From Jan. 2009 till Dec. 2009
Employer : Royal Lab, Amiral Company, Sokhna Port, Egypt
Job title : Maintenance & Operation Engineer
Job Description :

- Managed maintenance, repair & troubleshooting of Lab Equipment.
- Calibration of Balances and other Equipment.
- Maintenance of Central air conditioning.

Dates : From Nov. 2008 till Dec. 2008
Employer : General Authority for Red Sea Ports, Suez, Egypt
Project : Electrical Power & Machines Dept. in Adbia Port & Sharm El-Sheikh Port
Job Description : Maintenance of cables and outdoor Lighting System.

List of equipment I used:

- Cpc100 & TD.
- Sverker.
- Microohmmeter.
- CT Analyzer.
- VLF HV.
- SF6 analyzer.
- CB analyzer Eagle.
- ODEN.
- HV Equipment.
- Freja.