

100396-ELE-PT-E-2006
Electrical Testing & Protection Engineer

Holds a B. Sc. in Electrical Power Engineering and has over 4 years hands-on experience working in extra high voltage testing and protection of various electrical equipments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/10/1984
Gender : Male
Marital Status : Single
Residence : Kalyobia

EDUCATION

: B. Sc. in Electrical Power Engineering, Benha University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Summer trainings:

- Training at ABB Transformers S.A.E. (2003).
- Shoubra El-Kheima Electrical Power Plant (2004).
- Training at ABB ARAB (2005).

: Instrument Transformers & Power Measurement (P1) at the Network Training Center in Cairo South - Helwan.
: Substation automation DCS system (Areva).
: Digital protection relays.
: MS Word (Excellent typing Arabic and English).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2006 till now
Employer : Egyptian Company for Electrical Transmission

- Projects** : • Cairo North Substation 220/66/11KV
• Bahtim Substation 220/66/11KV
• Abo Zabel Substation 500/220/66/11KV
• Bassous Substation 500/220KV
- Job title** : Power System Testing & Protection Engineer
(extra high voltage testing and protection department)
- Job Description** : • Deal with various types of electrical protective relays which included in 500/220/66/11KV substations (programming and testing).
• Review and approval of the testing and commissioning procedure and sheets of New Bahtim (220/66/11KV) Substation.
• Witness and supervisor for all the protective relays (feeders, transformers), CT, VTS and control testing and DCS systems (AREVA).
• Technical Training Engineer at Network Training Center (Cairo North).
• Dealing with most popular types of relays (mechanical, static, digital - SIEMENS, AREVA, ABB, BBC, AEG).
• Familiar with most popular wiring and drawings.
• Making the required modification for the replacement of old protection relays with the newest relays.
• Review of new incoming panels and their wiring and drawing.
• Entering 4 units of capacitor (11KV) bank at Cairo North transformer substation.
• Replacement of 20 MVA power transformer with another one 25 MVA).
• Replacement of old type bus-bar protection type (AEG) with newest one type Siemens (type 7SS522).
• Entering 220/66/11KV transformer into service at the Cairo West Power Plant.
• Very good experience on using computerized testing equipments and to carry out testing of all type of relays used in 500/220/66/11KV system.