

100334-ELE-PT-E-2002
Electrical Protection & Testing Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years hands-on experience in the field of electrical maintenance, protection and testing.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/02/1980
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, South Valley University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

- : At the Networks Training Center (NTC) in the Egyptian Electricity Transmission Company:
- CCS (Control circuits of substations):
 - BBC system.
 - EGYMAC system.
 - Mitsubishi system.
 - FPS (Fire Prevention Systems):
 - Viking (pressurized water).
 - Walter (water/air/water).
 - Sides (CO2/water) system.
 - Presage (CO2) systems.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2004 till now
Employer : Egyptian Electricity Transmission Company, Naga Hammadi

Project : 500/220/132/66/33/11/0.4KV Substation
Job title : Electrical Protection & Testing Engineer
Job Description :

- Programming and testing of protection equipments:
 - Differential protection REL316 (ABB manufactured).
 - Over current and earth leakage SPAM 1000, SPAJ 140C (ABB).
 - Differential protection of bus bars REB 500.
 - Distance protection relays LZ96, LZ96, L8b, LH1W and REL511 (ABB manufactured).
 - Bus bar protection relays INX5, REL511 (ABB manufactured).
 - Auto reclosing relay WL96 (ABB).
 - Directional ground & over current relay PPX401 (ABB).
 - Directional over current relay RMX911 (BBC).
 - Ground over current relay IKC911 (BBC).
- Transformer protection relays:
 - Differential protection DT93 (BBC).
 - Over current & over current cutoff IT94-3 (BBC).
 - Over load protection RSF5 & 5X91.
 - Over flux protection UFX132 (BBC).
 - Restricted earth fault relay UZ91-13 (BBC).
- Relay test unit SVERKER 750.
- Testing of current transformers (C. T.).
- Solving of direct current circuits and batteries problems.
- Testing of transformers 500/220 & 220/66 & 66/11KV and 132/66/33KV with:
 - Megger.
 - DC resistance test.
 - Break voltage of oil test.
- Testing of circuit breakers with Circuit Breaker Analyzer.
- Testing of SF6 substations with SF6 Analyzer.

Dates : From May 2003 till May 2004
Employer : South Valley University
Job Description : Working as Electrical Maintenance Engineer for small generators and transformers.