

Holds a B. Sc. in Electrical Engineering and has more than 3 years hands-on experience in protection and testing in Egyptian Electricity Transmission Co. (EETC).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/09/1983
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Al-Azhar University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point, Access), Internet
: Visual Basic, Matlab
: Basic, Fortran, Assembly
: Various Video and Multimedia Programs

TRAINING COURSES AND CERTIFICATIONS

: Instrument Devices & Power Measurement (P1).
: Protection Fundamental (P2).
: Control Circuits of Substations (CCS).
: Manta Tester (P8A).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2008 till now
Employer : Egyptian Electricity Transmission Co. (EETC), Central Sector for Protection, Measurement and Testing
Job title : Protection Engineer

- Job Description** :
- Member of programming commission in EETC that makes accurate programming specifications and selects the suitable setting for digital relays in the Egyptian network such as:
 - ABB: REL 316, REL511, REL531, SPAJ 140C, RET541, REB500.
 - Areva: Micom P441, P442, P632, P122, P111, P126, P127, P437, P543, P143, P741.
 - Siemens: 7SA511, 7SA513, 7SA611, 7UT512, 7SJ6005, 7VK512, 7SS522.
 - SEL: SEL 321, SEL 587.
 - GE: MIF II, D60, T60.
 - Testing most of the protective relays in the Egyptian Electrical Network such as:
 - Distance.
 - Over current.
 - Earth fault.
 - Differential protection of transformer & B.B.
 - Restricted E.F.
 - Breaker failure.
 - Line differential.
 - Synchro-check.
 - Auto reclosure.
 - Load shedding.
 - Familiar with all software for most protective relays:
 - Areva: micom s1 ver. 2.13, micom s1 studio.
 - ABB: cap540, cap2_316, cap501, PCM 600.
 - Siemens: digsi 4.8.
 - SEL: SEL 5010.
 - GE: EnerVista Launchpad.
 - Have ability for analysis disturbance & event recorder.
 - Have ability of testing the protective relays by the famous testers like as OMICRON Test Universe (omicron 256, 356), ISA Testers, Manta testers.
 - Member of operation group for setting calculations in EETC.
- Dates** : From Nov. 2007 till Dec. 2008
- Employer** : Egyptian Electricity Transmission Co. (EETC), Alex & West Delta Zone
- Job title** : Protection & Testing Engineer
- Job Description** : Making all tests of protective relays and commissioning of substations such as:
- Member of commissioning group of Nubaria substation 500/220/66/11KV with Areva relays such as micom P437, P442, New El-Magd 66/11KV substation, with Siemens relays such as 7SJ600, 7SJ602, 7UT612, 7SA522, 7SA611, 7RW600, 7SS522.
 - Installation, testing and commissioning of 66/11KV, 40 MVA transformer in El Ekhmas, 220/66/11KV substation.
 - Installation of CT'S and all of its tests.
 - Wiring works and interlocks.