

100265-ELE-PT-E-1997
Senior Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 15 years experience in protection relays testing and electrical system commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/11/1971
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 1997

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Instrument Transformers (P1), Network Training Centre.
: Protection Fundamentals (P2), Network Training Centre.
: Energy Meters (P3), Network Training Centre.
: Bus bar Protection (P4A), Network Training Centre.
: Transformer Protection (P4B), Network Training Centre.
: Digital Protection (P6A), Network Training Centre.
: IDM Hathaway Training Course (Fault Recorder), IRELAND.
: Fault Recorder training course in England (testers used: Freja 300, Isa, Omicron 256).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2011 till now
Employer : EGYPTROL (Seconded to HYOSUNG CORPORATION)
Project : New Damietta Power Plant
Job title : Testing & Commissioning Manager

Job Description : Leading Testing & Commissioning team for 220KV switchyard and all interfacing with DAMIETTA Power Plants.

Dates : From Dec. 2010 till Feb. 2011

Employer : EGYPTROL

Project : BAHTEEM 220/66/11KV Substation

Job title : Senior Testing & Commissioning Engineer

Job Description : Testing & commissioning of line protection, differential, over current, thermal over load and auxiliary relays (ABB, AREVA relays).

Dates : From Sep. 2009 till Nov. 2010

Employer : Egypt Electricity Transmission Company (EETC)

Project : Central Sector of Protection

Job title : Senior Protection Engineer

Job Description : Responsible for testing line protection devices, transformer protection devices in 500KV & 220KV & 66KV substations in Egypt.

Dates : From Apr. 2005 till Aug. 2009

Employer : ALFANAR Company (AT&C), KSA

Projects :

- Jeddah North 380/110/13.8KV S/S, line protection, (rel 531-7SA522) 6 feeder extension.

- Sewel 380KV.

- Rabegh1 380KV.

- Al-Tahlya 380KV.

- Al Haram III 110/13.8KV BF Siemens scheme (double bus bar), synchro check scheme vatic scheme, secondary injection for o/c relays ryrolle, scheme check and interlock test for switch gear (conshar company).

- Al Wazeria 110/13.8KV S/S: preparing the test format, preparing schedules for the testing team, technical support for the testing team, in addition to primary injection, u/f & u/v load shading scheme, bus bar stability (reb 103 ABB), & bus bar scheme.

- Al Heraj 110/13.8KV S/S: u/f, u/v load shading scheme and relays, bus bar secondary injection and stability MVAJ (Alstom), synchro check and relay secondary injection, transducer panel.

- Al Salamah 110/13.8KV S/S: u/f, u/v load shading scheme and relays, bus bar secondary injection and stability MVAJ (Alstom), synchro check relay and relay secondary injection, transducer panel.

- ICY III Madinah Monawarah 110/13.8KV S/S: repairing the design mistakes & the setting of the AVR panels (AVG Alstom relay, VATEK design).

- 8904 Hael 110/13.8KV S/S: 7sa522 secondary injection.

- 9030 380KV.

- Nagran 380KV.

- KFU King Fahd 115KV.

Job title : Senior Testing & Commissioning Engineer

Job Description : Testing of:

- O/C and Synchro-Check Relays Argus series Ryrolle Company.

- Alstom P 120 series.

- 7SJ600 O/C Breaker Failure.

- 7RW600 U/F & U/V Relay.
- 7SD 522, 7SD 513, 7SD511, 7SDA 522 (SIEMENS relays).
- MICOM 442, MICOM 443, MICOM 444 (ARIVA Company).
- REL 670, REL 531, REL 561 and ABB relays.
- REF MFAC & STATIC BUSBAR PROTECTION.
- All protection schemes in 110 & 380 substations.
- Primary Injection Test.
- Testing of CT.S and VT.S
- Line Diff Stability.
- Busbar Stability.
- Fault Analysis and Fault Recorder.
- Working with different test equipments (FREJA 300, SVERKER, OMICRON 256, CPC 100, XS 92B).

Dates	:	From Sep. 1999 till Mar. 2005
Employer	:	Egypt Electricity Transmission Company (EETC)
Project	:	Central Sector of Protection
Job title	:	Protection Engineer
Job Description	:	<ul style="list-style-type: none"> • Responsible for testing line protection devices, transformer protection devices in 220KV & 66KV substations in Egypt. • Witness and troubleshooting. • Witness in Al-Eqtessadia 220KV s/s line protection schemes (Siemens S/S & Alstom). • Witness in Al-Giza 220KV s/s line protection schemes (Schneider S/S). • Witness in NAWAL 66KV s/s line protection schemes (ABB S/S). • Gizan 110/13.8KV S/S Areva relays micom p 442 (4 relays) & micom p 543 (4 relays). • El-Khafgy 110/13.8 S/S micom p 443 (2 relays) & micom p 543 (2 relays), 7SD 522 SIEMENS relay 4 (2 relays) & distance 7sa 522. • THEWAL 380/110/13.8KV S/S, 7SD 522 SIEMENS relay (4 relays) red 670 ABB line differential & distance relay (2 relays). • HVE 380/110/13.8KV remote end of Thewal S/S, 7SD 522 & RED 670 replacing old panel and modifying the scheme to match the existing scheme in the S/S & bus bar stability for the new feeder with the existing feeders the (Siemens bus bar 7SS10). • NAGRAN North 110/13.8KV avr scheme (avg alestom relay) Sel 511 secondary injection. • KING ABD ALLAH 132/15KV Dammam area (REL 531 abb secondary injection). • Bahteem 220/66/11KV s/s as rental for AREVA RED 670, MICOM P442, p 132 (doc & def) AVR scheme. • Testing GE d90 relay (distance). • Testing of sepam 42 & sepan 40 relays (Schneider).