

100767-ELE-1DMPST-E-2003
Commissioning & Protection Team Leader Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 11 years hands-on experience working in testing, commissioning, maintenance, operating and installing protective & control devices and all equipments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/07/1981
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: DIGSI 4.88 (Siemens Relay Interface Programming)
: MICOM S1 STUDIO (ALSTOM Relay Interface Programming)
: PCM600 (ABB Relay Interface Programming)

TRAINING COURSES AND CERTIFICATIONS

: Training courses in Network Training Center of Egyptian Electrical Transmission Company (NTC):

- Reading the wiring Diagrams for Substation.
- Protection Fundamental.
- Maintenance & Testing for Transformers.
- Bus Bar protection.
- Gas Insulated Switchgear.
- Feeders Protections.
- Digital Protection.
- Transformers Protection.

- Battery & Charger.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2016 till now
Employer : Siemens S.A.E
Project : NEW CAPITAL 550KV S/S
Job title : Commissioning & Protection Team Leader Engineer

Dates : From Mar. 2006 till Jan. 2016
Employer : Egyptian Electricity Transmission Company (EETC)
Job title : Senior Protection Engineer
Job Description :

- Commissioning of 220KV Tebbin generation substation (Siemens).
- Commissioning of 220KV new Bahteem substation (Areva)
- Commissioning of 220KV new Maadi South substation (GE).
- Installing, programming and operating AVR (Tapcon MR) for Transformers 220/66KV at Ain El-Sira, Sheikh Zaid, AlHaram and New Bahteem.
- Commissioning of 66KV Mashtal substation (AREVA).
- Testing and commissioning Damietta Power Station 220KV with MEGA (Siemens relay).
- Wadi Hof 220/66/6.6KV ABB.
- South Cairo 220KV Siemens, ABB and Areva.
- South Tebbin 220/66/6.6KV ABB, Siemens.
- Tebbin 500 500/220KV Merlin Gerin.
- Bassatin 220/66/11KV Siemens.
- Ain El-Sira 220/66/11KV Hyndai (Siemens & AREVA).
- Maadi South 220/66KV GE.

Field of experience :

- Testing, commissioning, maintenance, operating and installing protective & control devices and all equipments.
- Operation and maintenance of High, Medium and Low Voltage Circuits.
- Electrical Testing of all kinds of Circuit Breakers & Transformers.
- Expertise in troubleshooting of electrical wiring and power equipments.
- Expertise in Test Equipments (OMICRON / FREJA300 / CPC100 / Powertec AVO Ammeters and Voltmeters / SVERKER).
- Expertise in wiring connection (Ferruling / Termination).
- Very good experience in Testing SF6 of Gas Insulated System.
- Good knowledge about Switchgears, Control & Distribution Panels.
- Testing & operation of all alarms such as: Annunciators for GIS & Control Panels.
- Making voltage on all equipments for the first time and forever.
- Installing, Programming and testing SIEMENS protection Relays such as: Bus Bar protection relay (Siemens 7ss522), Motor and Generator Protection (Siemens 7UM512 and 7UM511), Transformer Protection (Siemens 7UT61), Distance Protection (Siemens7SA..), Over Current Protection (Siemens 7SJ..).
- Installing, Programming and testing ABB protection relays such as: Transformer Protection (ABB RET 615, RADS B, RET316), Distance

Protection (ABB REL 511, REL 521 & REL 316) Over Current Protection (ABB REF 615).

- Installing, Programming and testing ARIVA protection Relays such as: Differential relays (MICOM P543, P63X, P741, P742), Over Current Protection (P12X, P142), Distance Relays (MICOM P442).
- Installing, Programming and testing GE protection Relays such as: Distance Relay (GE D60, D90), Bus bar protection (B90), Differential (T60), Over Current (F650-MIF11).
- Familiar with Testing and configuration of ALL Static Relays.