

100326-ELE-CPT-E-1979 Senior Testing & Protection Engineer

Holds a B. Sc. in Electrical Engineering and has about 24 years hands-on experience in the field of operation, commissioning, testing and protection at several Power Plant Substations up to 220KV.

PERSONAL DATA

Nationality : Egyptian
Birth Date : Feb. 1956
Gender : Male
Marital Status : Married
Residence : Dakahlia

EDUCATION

: B. Sc. in Electrical Engineering, Mansoura University, 1979

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office

TRAINING COURSES AND CERTIFICATIONS

- : Routine and non-routine operating and maintenance of high voltage products included as part of reactive power compensation projects, Nov. 2002 till May 2003.
- : English preparing Toefel course, 60 hours.
- : Windows 1998 course.
- : Training programs in Micom relays distance and differential in France for two weeks.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2009 till now
Employer : EGYPTROL
Job title : Senior Testing & Commissioning Engineer

Dates : From Mar. 2009 till Jul. 2009
Employer : Algihaz Company (KSA)

Project : Substation of 132/33/13.8KV
Job title : Commissioning Team Leader

Dates : From Oct. 2006 till Mar. 2009

Employer : AREVA Company in Libya

Project : Big project which consists of 7 substations of GIS 400/220KV

Job title : Commissioning Team Leader

Dates : From May 1994 till Oct. 2006

Employer : Egypt Electricity Authority

Job title : Protection & Testing Engineer

Job Description :

- Worked in erection, connection repairing of protective and measuring device, protection of transformers feeders and O.H.T.L. in Power Plant HV substations up to 220KV.
- Installation, connection and test for different type of distance protection relays:
 - Magnetic relays L8 - L3.
 - Static relays 75 L 32 - LZ 96.
 - Digital relays (Rel 511 - Micom P 441, P 442 – 75 L 511, 513).
- Installation, connection and test for different type of power transformers 125 MVA 220/66KV protection:
 - Static Diff. relays 7UT 22.
 - Digital Diff. relays 7UT 513.
 - Static over current, earth fault 7 TG 15.
 - Digital O.C. and E. fault 7SJ 512, 7 SJ 600.
 - Make erection, connection of power transformers 220/66, 66/11KV with all the attachments.
- Supervising of erection two unit capacitor Bank 200 MVAR 220KV and made commissioning for all protection device installation on it:
 - Control, Diff. voltage relays (SEL 421).
 - Over current, earth fault Micom P 140, P 121, P 123.
 - Control and measurement equipment.
- Installation, connection and test for different type of power transformer 25 MVA 66/11KV protection:
 - Static Diff. relays 7UT 22.
 - Digital Diff. relays SPad.
 - Static O.C., E.F. 7 TG 15.
 - Digital O. C., E. F. SPad.
- Make connection for fault recorder type Hathaway and extracting the disturbance by PC.
- Loading sitting values and extracting it of the digital relays by PC and printed it by printer.
- Installation and connection of DC charger 220V and repair any fault of it.
- Make routine test for all protection relays and measurement device.
- Detect any fault quickly and repair it as soon as possible.

Dates : From May 1987 till Apr. 1994

Employer : Egypt Electricity Authority

Project : 220KV substations
Job title : Shift Engineer in operation department
Job Description :

- Daily load curve plotting for each circuit and transf. individually, represented by Ampere/Hour in order to compare the load values in the peak time (maximum load) every day, to determine the maximum load of the circuit or transf. through the month.
- Getting the readings of the SF6 gas pressure and hydraulic oil pressure of the circuit breakers of 220KV and 66KV.
- Editing the operating orders to carry out the maintenance, testing and protecting works in the substation.
- Maneuvering of connecting and disconnecting for any feeder or transform according to the instructions of the network operation and the National Center for Energy Control.
- Leading the maintenance team for the periodic and emergency maintenance works.
- Following up chargers and batteries, the source of the D.C. voltage feedings.
- Supervising and getting readings of measuring device in the control room "Ammeters, Voltammeters, Megawatt, megavar and lighting assistor for all feeders also supervising the signals in the control room.