

100157-ELE-PT-E-2000
Electrical Protection Engineer

Holds a B. Sc. in Electrical Power Engineering and has more than 9 years hands-on experience in protection and testing of several substations in Egypt and KSA.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/12/1975
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power Engineering, Tanta University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2002 till now
Employer : Egyptian Electricity Transmission Company
Job title : Protection Engineer
Job Description :

- Good experience in installing, programming, testing and making the required wiring & commissioning for the following protect. devices in stations of 220 & 66KV:
 - SIEMENS devices:
 - Distance protection (7SA511, 7SA513).
 - Differential protection (7ut512, 7ut513, 7ut612).
 - O.C. & E.F. (7SJ600, 7SJ512).
 - REF (7vh800), B.B. protection (7SS 13).
 - Merlin Gerin devices:
 - Distance protection (SEL 321).
 - O.C. & E.F. (sepam1000- sepam1000+).
 - Differential, O.C. & E.F. (sepam2000).
 - ABB devices:
 - Distance protection (RELL 511).
 - O.C. & E.F. (REF 610, SPAJ 140C).
 - Differential protection (RETT 541).
 - O.V. & U.V. (SPAU 130C).

- AREVA devices:
 - Distance protection (micom p442 & micom p435).
 - O.C. & E.F. (KCEG series & MCGG series).
 - B.B. protection (Mbcz), B.F. (MCTI).
 - Autoreclosure (P127).
- Analysis of faults in the electric network connecting between Egypt & Libya.
- Dealing with the HATHAWAY fault recorder.
- Testing the instrument transformers (CT & VT) of voltages 220, 66, 22 & 11KV.
- Using the secondary injection testers like freja13, freja300.
- Using different types of primary injection testers in B.B. stability & sensitivity also using MEGGERS for insulation test.
- Testing the time of closing & tripping for different C.B.
- Achieving the designing & modification of electrical drawing for panels of power transformers (25, 40 MVA), sf6 C.B., disconnecting switch of 220 & 66KV substations.
- Using laptop to deal with the numerical relays at set the setting & programming.

Employer	:	ALfanar Company – KSA
Job title	:	Testing & Commissioning Engineer
Job Description	:	<ul style="list-style-type: none"> • Testing distance relay (RELL 670) in substation PP8 of 380KV. • Working with Siemens Company to make testing and commissioning for two new circuits in substation 8760 of 132KV: <ul style="list-style-type: none"> - Pre-commissioning, secondary injection to distance 7SA522 - DEF 7SA522 - synchrochec - AREC. - CBF - OC - Cable differential). - Primary injection, DC loops, function test, B.B. stab, 87L stab, trip test, end to end test, load test & directionality test. • Work in substation ARAMCO 8708 to replace the old relays of one circuit 132KV by anew relays & finishing the required testing. • Work in substation 9003 of 380KV to replace the old relays of one circuit 132KV by anew relays & finishing the required testing. • Working with Siemens Company to make complete testing and commissioning for two new circuits in substation 8020 of 132KV. • Working with Siemens Company to make load test and directionality test to 3 new circuits in substation 8703 of 132KV. • Working with ABB Company to make testing and commissioning for many substations in DAMAM city.