

102056-ELE-PT-E-2013

Testing & Commissioning Protection Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years experience working as Testing & Commissioning Protection Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/12/1990
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: PCM 600 (ABB Software)
: DIGSI STEP7 (Siemens Software)
: MiCOM S1 Agile
: AcSELerator QuickSet (SEL Software)
: Ziver Com plus and Ziver CID (ZIV Software)
: Enervista UR (GE Software)
: Schneider Electric Easergy Studio
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Training at Upper Egypt Electricity Production Company (El-Kureimat training sector).
: Training at Egyptian Company for Electricity Transmission (Networks Training sector).
: PLC Level One "S7-300" Course.
: AutoCAD Course.

- : Distribution Course (Lighting, H.V.A.C, Circuit Breaker, Cables, Transformers, Feeding system, Fire Alarm, Light current).
- : Training at ALFANAR TESTING & COMMISSIONING (Jun. 2016) on (ABB, SEL, SIEMENS, MICOM, GE) Digital Relay including:
 - Explain the protection philosophy using each Digital relay concept.
 - Configure the Relay to get the protection functions.
 - Test the relay to insure the accuracy of the functions.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2015 till Apr. 2022
- Employer** : ALFANAR TESTING & COMMISSIONING
- Job title** : Testing & Commissioning Protection Engineer
- Job Description** :
- Testing and Commissioning the Substation components and schemes including:
 - Testing of EHV, HV, MV, LV of Components of protection panels, local control cabinet (LCC) panels & GIS (Ex.: CT, VT, CB, DS&ES, Busbar, etc.).
 - Commissioning of EHV, HV, MV, LV of Protection, Switch gear (GIS) and Local Control Cabinet (LCC) panels as the following:
 - ❖ Re-design the Scheme to matching the required modifications, apply the new design in the panels and test the new design.
 - ❖ Work on Different Scheme (Ex.: TCS, CBF, PD, Feeder, SGT, GT.....etc.).
 - ❖ Work on the Stability of the Bus Bar and for the Transformer.
 - ❖ Energize the dead Feeder or Substation and apply the required procedure and precautions.
 - Working on the Remote End feeders (Changing the existing feeder or New Feeders) for All voltage levels with all activates.
 - Configuration and Testing the Advanced Relay (Ex.: ABB, Siemens, MiCom, Schneider, SEL, GE, Ziv).
 - Using Variant Device with the device software for testing and commission the S/S (Ex.: FREJA, CT Analyzer, CPC, SVERKER, ODEN, and B10E.....etc.).
 - Coordination Engineer at King of Saudi Arabia smart meter project.
 - Commissioning Team Leader for National Guard Hospital S/S 132 /13.8KV.
 - Contributed / Participated Projects:
 - SA, Qassim, SEC-COA/Ngrid – National guard Hospital SS#8857 (132/13.8KV).
 - Bahraian, Durrat Bahrain, EWA – KAMC (66/11KV).
 - SA, Qassim, SEC-COA/Ngrid - Al Hamra SS#8854 (132/13.8KV).
 - SA, Qassim, SEC-COA Ngrid – Qassim-5 SS#9059 (380/132/13.8KV).
 - SA, Qassim, SEC-COA Ngrid – suliman Alrajhi college SS#8859 (380/132/13.8KV).
 - SA, Riyadh, SEC-COA Ngrid – Riyadh Metro SS#9051 (380/33KV).
 - SA, Riyadh, SEC-COA Ngrid – Industrial SS#9048 (380/132/13.8KV).
 - SA, HAIL, SEC-COA Ngrid – SS#9039 (380/132/13.8KV).
 - SA, HAIL, SEC-COA Ngrid – SS#9065 (380/132/13.8KV).

Dates : From Jan. 2014 till Mar. 2015
Employer : EGYPTIAN ARMED FORCES
Job Description : Control and Maintenance Engineer in central concrete plant in the Engineering Authority of the Egyptian Armed Forces.