

102405-ELE-2CMOTyz-E-2020

Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Control Engineering and has over 3 years experience working in construction, maintenance, operation, testing and commissioning of HV / MV substation.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Pyramids Higher Institute (PHI), 2020
: Galal Fahmy Secondary School, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Programming of PIC micro-controller (Assembly) and Proteus
: Photoshop
: PLC
: Arduino

TRAINING COURSES AND CERTIFICATIONS

: Classic Control.
: PLC
: Electrical Distribution.
: Trainings at:

- National Energy Control Center (4 weeks).
- North Cairo Electricity Distribution Co. (4 weeks).
- West Cairo Electricity Generation Sub. (4 weeks).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2020 till now
- Employer** : EGEMAC, Cairo
- Projects** :
 - Industrial Zone 66/22KV substation (AIS)
 - New Tema 66/11Kv substation (AIS)
- Job title** : Testing & Commissioning Engineer for HV / MV Substation
- Job Description** :
 - As Testing & Commissioning Engineer:
 - Testing PF Correction Controller (Var Plus Logic VL12).
 - Testing of current and voltage transformer, Circuit breaker, switch gear and Power Transformer.
 - Primary injection test, saturation curve and megger for current & voltage transformers.
 - Timing and contact resistance Test for circuit breakers & Isolators.
 - Operation and maintenance for AIS & GIS substation (medium & high voltage).
 - Capacitor bank commissioning & operation & maintenance.
 - As Site Engineer:
 - Manage a powerful team included more than 10 workers.
 - Supervise on all installation and commissioning works in substations for all equipment (HV Switchgear, MW Switchgear, Power Transformers, and Outdoor equipment, ...etc.).
 - Trying to finalize all works according to the time plan submitted from the owner or the projects department.
 - Solving any problems may facing us in parallel with the consultant or the Owner team.
 - Test all the equipment in the substation after finalizing all installation & commissioning works using testing devices such as (CT analyzer, CPC 100, Megger, omicron, Breaker Analysis Egil, ...etc.).
- Dates** : Mar. 2018
- Employer** : Guhayna Company, 6th October, Egypt
- Job title** : Maintenance Engineer