

100791-ELE-2PSTyz-E-2014

Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 6 years hands-on experience working in testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/02/1992
Gender : Male
Marital Status : Single
Residence : New Maadi, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, New Cairo Academy for Engineering and Technology, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: EETC (Egyptian Electricity Transmission Company) Summer Training in 2013: High voltage Substation protection.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2016 till now
Employer : MEGA for Construction & Industries
Projects :

- GAMASA Substation 220/66/11KV
- West El SHOROUK Substation 220/22/22KV
- SOHAG EAST Substation 500/220/66/24 Power Transformer Testing
- BENBAN 3 & 4 22/22/220KV
- EL TAJAMOUAT Industrial City Substation 66/11KV
- South HELWAN 500KV GIS Power Plant

- MARCYRL Pharmaceutical Industries 22/0.4KV (22KV SWG and 2 Power Transformer)
- BANHA East Substation 220/66/11KV
- Burg El Arab Power Station (2 PT 22/11KV) Power Transformer Testing
- Gardenia Substation (220/22KV CVT'S)
- SIDI KRIR 3 & 4 Power Station (PT 23/1KV) Power Transformer Testing
- Suez Gulf Power Plant Power Transformer Testing

Job title : Testing & Commissioning Engineer

Job Description : Test and commission the following in the HV and EHV substations:

- For Switchgears GIS, conventional outdoor AIS or conventional indoor or metal clad MV switchgear:
 - Current transformers (ratio and polarity tests, saturation curves, current loops) and conformity to erection standards like proper earthing of neutral point in CT secondary and proper primary and secondary connections tightening. Primary injection tests.
 - Potential transformers (ratio and polarity tests, insulation tests with megger, secondary voltage circuits loops) and conformity to erection standards like proper earthing of neutral points in PT primary and secondary and proper primary and secondary connections tightening.
 - Switchgear parts (Circuit breakers, Disconnectors and Earthing switches) Insulation resistance, contact resistance, CB timing close and open, operations and internal & external interlocks, alarms and signaling, and HV test for metal clad switchgear.
- Power transformers (Ratio test, vector group test, Insulation test, tan delta, oil breakdown test, open and short circuit tests, fans operations, mechanical alarms and trips, Tap changer operations, and AVR, calibration of oil and winding temperature indicators.
- Power cables high voltage tests.
- Control from remote conventional control panels: test of measuring devices and metering devices (KWH, and KVARH meters Elester and CEWE) and remote control and synchro check devices and circuits, alarm annunciators.
- Protection Test of protection relays by secondary injection testers OC, EF, DOC, DEF, OV, UV functions tests were done on different relays manufacturer ABB REF615, REM610, REU615- and Schneider Sepams80, and on NR pcs9613, and Alstom Micom P127, P122. Stability tests for BB protection.
- Capacitor banks Components tests and control and interlocks.
- In general performing all modifications needed for secondary wiring to fulfill with the contract requirements or our client needs.

Dates : From Aug. 2015 till Nov. 2015

Employer : Smart House Intelligent Systems

Job title : Fire Alarm Systems Sales Engineer

Dates : From Jan. 2015 till May 2015

Employer : Electro George

Job title : Testing & Commissioning Engineer