

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 3 years hands-on experience working in testing and commissioning of substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/03/1992
Gender : Male
Marital Status : Single
Residence : Port Said

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Port Said University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Training at Suez Canal Co., Port Fouad Station:

- 11KV Distribution Feeders.
- Different Control Circuits.
- Charger & Battery.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2014 till Jun. 2017
Employer : NATIONAL EXCELLENCE FOR CONSTRUCTION & ENERGY (NECE) COMPANY, JEDDAH – Saudi Arabia
Job title : Testing & Commissioning Engineer for Electrical Substations

- Job Description** :
- Technical Tasks:
 - Use DIGSI and PCM600 software for Siemens and ABB Protection Relays testing. Also SEL & ALSTOM Protection Relays.
 - Use SVERKER tester for various Auxiliary relays testing.
 - Review of Schematics Drawings (380KV & 132KV GIS, 33KV & 13.8KV Switchgear, Control and Protection Schemes).
 - Commissioning and installation Software of protection devices.
 - Work Experience:
 - Testing power transformers (winding insulation, ratio test, D.C. resistance test, vector group test, tan δ test, Excitation test and HV test).
 - Testing circuit breakers (measuring contact resistance, measuring closing and tripping time, measuring circuit breaker insulation and Pick up voltage test for circuit breaker).
 - Testing the function of alarm and trip signals of (Buchholz relay for main tank and tap changer, pressure relief, Rapid pressure, rise temp. & oil level indicator).
 - Analysis & check the transformer oil test result both dissolved gases or physical test.
 - Testing the quality of insulation oil transformers.
 - Commissioning and test of Aux transformer, Power charger and Battery.
 - Operate a Low voltage Main Distribution panels, sub-distribution, MCC panels, P.F improvement panels and ATS panels.
 - Experience in preparation and devaluation of HV, MV, LV cables, grounding design, AC/DC Battery, and charger sizing calculation.
 - Rigging study and installation of electrical equipment.
 - Good experience of technical evaluation of HV and MV Switchgears.
 - Good knowledge of IEC Standard relating to Substation equipment.
 - Technical problem solving talent.
 - Supervisory and team leadership competence.
 - Preparation of project technical scope of work (PTS).
 - Following safety rules at work (Earthing system, VAV and other rules).
 - Dealing with firing system equipment.