

105211-ELE-2COPT-E-2012

Field Services Site Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years hands-on experience working in construction, protection, testing and commissioning mainly at substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/11/1989
Gender : Male
Residence : Shoubra, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2012

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Design of electrical work for projects.
- : PLC in Don Bosco.
- : Training at Suez Oil Company (SUCO) turbines & control department (summer 2011).
- : Training at Egyptian Electricity Transmission Company (EETC) electrical protection & measurements department (summer 2010).
- : Training at South Cairo Substation (summer 2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2016 till now
Employer : Schneider Electric
Projects :

- Damietta Power Generation Station
- El-Shabab Power Generation Station
- Gabal El-Ziet S/S
- Anrpc New CCR S/S
- Petrobel Abo Redis Pre-fabricated on-shore S/S (8 Shelters)

Job title : Field Services Site Engineer
Job Description :

- Lead all technical aspects of the solution (architecture, systems, ...) during execution phases: Design, Integration, Testing, FAT, Installation, Commissioning.
- Assist the Project Manager in elaborating alternative solutions during change order management.
- Contribute to meet the project objectives in scope, schedule and cost.

Dates : From Nov. 2014 till Sep. 2016

Employer : Egyptian Electrical Transmission Company (EETC)

Projects :

- Installing, commissioning and start-up power transformer 175MVA, 220/66/11KV including 220KV switchgear and local control panel, 66KV switchgear and local control panel, remote control panel and protection panel in East Cairo 220/66/11KV substation
- Sakr-Korish 220/66/11KV Extension
- New Cairo 220/66/22KV Extension

Job title : Protection Engineer

Job Description :

- Check and approve the technical drawings and the required control circuits' functions.
- Install protection relays like SIEMENS, GE, MICOM and ABB for the new extensions in high and extra high voltage substations and replace the mechanical and static relays.
- Dealing with protection relays software like DIGSI, ENERVISTA, S1 Studio, PCM600, CAP 540 and REL316.
- Extracting and analyzing power system faults using SIGRA, WINEVE and WAVEWIN.
- Installing and replacement of isolator switches, Circuit breakers, Power transformers, CTs and VTs for conventional and GIS switchgears.
- Troubleshooting for control and protection issues in high and extra high voltage substations.
- Performing routine tests for over current, restricted earth fault, Differential, Distance, Mechanical protection devices for power transformers, Current transformers and Voltage transformers.
- Start-up and commissioning for new substations.

Dates : From Jan. 2013 till Oct. 2014

Employer : EETC

Project : El Asher El Gedida S/S 220/66/11KV

Job title : Operating Engineer

Job Description :

- Supervise electrical malfunction in the substation.
- Preparing technical reports upon malfunction in the substation.
- Coordinate with the national control center and local control center for shutdown schedules for routine test and maintenance.
- Leading and supervise on a team of technicians for connecting and disconnecting several parts of substation.

Dates : From Sep. 2012 till Oct. 2014 (part time)

Employer : EMAS-El Sewedy Group partner with SIEMENS

- Projects** : • Installing, commissioning and start-up of MV switchgear, LV switchboard, power factor panel and power transformer 0.5 MVA 11/0.4KV for 99 Military Factory - Helwan Engineering Manufactures
- Replacement and renovation for SIEMENS protection relays in Suez Cement Company - Qatamya Plant
- Job title** : Execution Site Engineer
- Job Description** : • Start-up and commissioning for MV & LV switchgears and performing SAT Tests.
- Performed different types of electrical maintenance for MV switchgears, RMU, Kiosks and LV panels in site.
- Installing MV & LV switchgears in the site.
- Performing all testing and commissioning procedures for MV switch gears in the site.
- Performing all the modifications required in the site to meet standards and client desire.
- Programming of protection relays, power factor regulators, multi-meters and energy meters.
- Aware with IEC, ANCI, IEEE standards.
- Supervision on a team of technicians.