

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years hands-on experience working in the field of HV Electrical installation, testing and commissioning, operation and maintenance of GIS.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project
: Calculux, Dialux, Visual Basic

TRAINING COURSES AND CERTIFICATIONS

- : 1 month training at Giza Spinning & Weaving Factory – Kafr Hakeem City (summer 2007).
- : 2 months training at Cairo West Power Plant (summer 2008).
- : Differential Protection system training at Cairo West Thermal Power Plant units 7 & 8, Initec Energia.
- : ALSTOM Protection training at Montpellier – France (Feb./Mar. 2014): Micom 40 series relays & DS AGILE system for Giza North Power Project.
- : Hyundai Heavy Industries for maintenance 500KV GIS (Mar./Apr. 2014) on-site Giza North Power Plant.
- : Hyundai Heavy Industries for maintenance 220KV GIS (Mar./Apr. 2014) on-site Giza North Power Plant.
- : Hyundai Heavy Industries for maintenance Tie Transformer (2 x 3 single phase 250 MVA) (Apr. 2014) on-site Giza North Power Plant.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2017 till now
Employer : Advanced Power Company
Project : ELHADABA 2 220/66/11KV substation
Job title : Testing & Commissioning Engineer

Dates : From Jul. 2010 till Apr. 2017
Project : Giza North 2250MW Combined Cycle Power Plant
Job title : High Voltage Engineer
(500KV & 220KV GIS Testing, Commissioning, Maintenance & Operation)

Job Description :

- Office Tasks:
 - Revise drawings according to specifications.
 - Revise connection lists and terminal schedule.
 - Revise panels internal and external views and component arrangement.
 - Supervise panels building process.
 - Test panels and attend Factory Acceptance Tests.
 - Design and revise drawings according to specifications.
 - Prepare cable schedule and connection lists.
 - Prepare material lists and estimate cable sizes and lengths.
 - Review and approve equipment according to project specifications.
- Site Tasks:
 - Supervise subcontractors in installation and termination of different power and control panels and laying power and control cables.
 - Supervise SAS (Substation Automation System) testing and commissioning.
 - Supervise protection panels testing and commissioning.
 - Supervise of 500KV and 220KV outdoor equipment "GIB bushing, CCVT, wave trap and surge arrester".
 - Supervise and test 220KV and 500KV S/S cable laying, connection and termination.
 - Supervise GIS equipment mechanical and electrical operation test.
 - Supervise 220KV GIS interlock tests.
 - Supervise GIS CB contact resistance test.
 - Supervise CB timing test.
 - Supervise GIS SF6 Due point and gas leak test.
 - Supervise gas leakage.
 - Supervise Current and voltage transformers tests.
 - Supervise CT loop and VT loop tests.
 - Supervise GIS High voltage test and partial discharge tests.
 - Supervise Bus bar stability test.
 - Transformer testing: 750 MVA, 500/220/12KV Autotransformer.
 - Insulation test, Winding Resistance, Ratio, Mechanical protection functions, Tan Delta, Tap Changer Function, oil leakage test & Oil Breakdown.

Dates : From Apr. 2015 till May 2015
Employer : ELSEWEDY T&D
Project : 20 x TM 2500 KW GE & ELSEWEDY T&D Fast Track Project (Samalut Site)

Job title : Electrical Site Engineer