

Holds a B. Sc. in Electrical Power Engineering and has about 20 years' experience working in testing, commissioning and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/12/1981
Gender : Male
Marital Status : Married
Residence : Shoubra El-Kheima

EDUCATION

: B. Sc. in Electrical Power Engineering, Zagazig University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Autodesk AutoCAD Drawing and Pro-Engineer programs

TRAINING COURSES AND CERTIFICATIONS

- : BECHTEL Course: Shoubra El-Kheima power plant basics and site-specific training courses, constituting a program of concentrated study of power plant equipment and system theory and application (from Jan. till Mar. 2009).
- : Cairo Electrical Distribution Company summer training (MV and LV Electrical Distribution networks) (Jul./Aug. 2002).
- : Concentrated Training course for MICOM protection relays by GE Company at France.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2006 till now
Employer : Cairo Electricity Production Co. (CEPC)
Job title : Electrical Commissioning, Testing & Maintenance Engineer
Job Description :

- Shoubra El-Kheima Substation Tests.
- El-Helmia Substation.
- Shoubra El-Kheima Power Plant SWGR Tests.

- Al-Tebeen Batteries Tests.
- El-Khanka substation GIS Tests.
- Talkha Power Plant SWGR Tests.
- Damietta Port SWGR Tests.
- Cairo Electricity Production Company Earthing Network measuring by tester.
- Cairo West Power Plant measuring the hotspot point for feeders OHTL by IR thermal Camera.
- Maintenance and Testing Engineer of 21KV, 350MW large Turbo Generator:
 - Megger, short circuit and open circuit Tests of generator.
 - H2 Drying System of Generator Maintenance and Test.
 - Brushes and Seal Oil Systems of Generator Maintenance.
- Installation, Commissioning Maintenance of Digital Exciter (Siemens).
- Installation and Testing of 3-Dry Exciter Transformers (21KV/605V).
- Maintenance and testing of Medium voltage and Low Voltage motors and switch gear (SIEMENS and ABB).
- Testing of H.V. equipments (Megger test, winding resistance, transformers capacitance, dissipation factors and turns ratio test).
- GIS maintenance and testing (DELO cart to suction, vacuum and filling Sf6 compartment to maintenance, SF6 analysis, SF6 percentage Test and Sf6 Dew point Test).
- Timing and Contact Resistance Test of HV and MV Circuit breakers.
- Maintenance of disconnect and earthing switches up to 500KV.
- Installation, testing and check of Construction and Commissioning of 500KV GIS extension at Cairo West Power Station.
- Testing and check of the wiring control and interlock of GIS extension at Cairo West Power Station.
- Maintenance of 6.6KV 2-Diesel generator 3MW.
- Cathodic protection Testing and Maintenance.
- Installation and Maintenance of pipes Heat Tracing by electrical heater.

Dates : From Jul. 2017 till now
Employer : [EGYPTROL](http://www.egyptrol.com)
Project : SIDPEC CO2 Plant, Alexandria
Job title : Inspector Engineer
Job Description : Check and commissioning all power cables, control cables, profibus cables, 11KV RMU panel, 11/0.4KV transformer, 690v ac switch gear, 400v ac switch gear with drawer operated by Procontrol, earthing grid, all 690v ac motors, all 400v ac motor, all valves, Plc panel, and all electrical installed by contractors.

Dates : From Nov. 2016 till Dec. 2016
Employer : Electro-Tharwat Company
Project : Suez Gulf 500KV substation extension
Job title : Electrical Commissioning & Testing Engineer
Job Description :

- This project included a Three phases 500/220KV, 500MVA (3x167single phase) Auto transformer with one bay extension for existing 500KV Suez substation.
- 500KV out-door VT's and CT's Test (by CPC100 tester).
- 500KV timing and contact resistance for out-door Sf6 CB, DS, and ES

(by TM100 tester).

- 500KV busbar contact resistance test.
- Function check for all Local, remote and interface panels.
- Operation, interlock and modifications of transformers.
- Transformer electrical and mechanical test.
- Re-arrangement of all cables and wiring of all panels.
- Check wiring and modified the incorrect wiring.
- Check all functions of all equipments.

Dates : From Apr. 2016 till May 2016
Employer : Cairo Electricity Production Co.
Project : 375 MVA, 500/220KV Auto-Transformer Repaired after Explosion
Job title : Maintenance & Commissioning Engineer
Job Description : Many procedures were taken to repaired the explosion transformer such as: removed oil and put it in storages tanks and filtered it, removed all failure bushings and replaced them by new bushings, replaced the damage insulation tapes, checked all wiring and replaced by new, replaced the damage winding temperature indicators, refilled the transformer by filtered oil, made all electrical tests, and re-operated the transformer to healthy conditions and loaded it.

Dates : Mar. 2016
Employer : ERCC Company
Project : 52.5MW on-grid solar energy project
Job title : Inspector Engineer
Job Description :

- This project called Shams Ma'an power generation PSC, at Jordan Kingdom.
- This project contained about 6,900,000 PV modules made by First Solar frameless, with tracking system, 3 underground cables feeders with 33KV, 34 PCS, 1 PVCS SWGR.
- Pre-check off all wiring and cables.
- Function test of all equipment's before energized.
- Commissioning and testing all RMU's.

Dates : From May 2015 till Jun. 2015
Employer : PSP Company
Project : Lina Farm 66KV substation
Job title : Electrical Commissioning & Testing Engineer
Job Description :

- 66KV out-door VT's and CT's Test (by CPC100 tester).
- 66KV timing and contact resistance for out-door CB's (by Megger DLRO600 and Megger TM1710).
- 22KV timing and contact resistance for out-door CB's (by Megger DLRO600 and Megger TM1710).
- 66KV busbar and 22KV busbar contact resistance test.
- Check for batteries and chargers and AC/DC room.
- Function check for all Local, remote and interface panels.
- Operation, interlock and modifications of all transformers and feeders.
- Transformers electrical and mechanical test.

- Re-arrangement of all cables and wiring of all panels.
- Check wiring and modified the incorrect wiring.
- Check operation of transformers tap changer and transmit the position reading to remote panels.
- Check the interlock between 66KV and 22KV SWGR's.

Employer : TechnoMaster Co.
Project : Assiut Oil Refinery 3x75MVA transformers – 220/11/11KV GIS SS, Assiut
Job title : Commissioning Engineer

Employer : ENBLOR Co.
Project : 66KV GIS East Damietta substation, 11KV switchgear and 3x40MVA transformers
Job title : Commissioning Engineer

Dates : From Oct. 2005 till Sep. 2006
Employer : Feeding Industrials Manufactures Co. (FIMCO)
Job Description :

- Electrical and Mechanical Maintenance Engineer for Presses, compressors, Welding and cutting Machines ...etc.
- Coordinate the work to achieve Low time of breakdown of machines.
- Achieved the ISO certificate.

Dates : From Jan. 2005 till Sep. 2005
Employer : DELTA CO. FOR ENGINEERING SYSTEM
Job Description : Installation Automatic door & Maintenance Engineer for Automatic Door System.

Dates : From Jun. 2004 till Dec. 2004
Employer : ELECTROTEX CO. FOR TEXTILE
Job Description : Electrical Maintenance Engineer for Control panels of Textile Machines.

Skills:

- Experience in electronics.
- Experience in control panels design and maintenance.
- Experience in motors maintenance.
- Experience in PLC programs.
- Experience in air stations and compressors.
- Experience in electric installation and construction.