

Holds a B. Sc. in Electrical Power Engineering and has 19 years' experience in power stations testing & commissioning & maintenance and inspecting for transformers and H.V Switchgear parts.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power Engineering

LANGUAGES

Arabic : Native Language
English : Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Courses in protection for transmission lines, cables, transformers.
: Course in overhead transmission lines.
: Courses in operation at NECC (National Electricity Control Center).
: Course in electrical installation.
: Courses in GIS substation configurations (China).
: First Aid training.
: Transformers assembly, inspection training with Hyundai (Bulgaria).
: Transformer tap changer training with MR (Germany).

CHRONOLOGICAL EXPERIENCE RECORD

Samples of projects (the projects beside the routine maintenance & tests for 10 GVA CAIRO NETWORK):

Dates : 2024
Project : Capital Gardens Power Station 66/11KV with SIEMENS Group

Job title : Team Leader
Job Description : Inspect 125 MVA 220/22/22KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2023
Project : Industrial October Power Station 220/22/22KV with Egymac GROUP
Job title : Team Leader
Job Description : Inspect 125 MVA 220/22KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2022
Project : Manshiat Naser Extension Power Station 220/66/11KV with SWEDY GROUP
Job title : Team Leader
Job Description : 40 MVA 66/11KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2021
Project : Watanya Power Station Extension 220/66/22KV with Getra Italy GROUP
Job title : Site Commissioning & Tests Engineer / TEAM LEADER
Job Description : 175 MVA 220/66/22KV transformers & testing instruments and the testing procedures according to IEC and assembly the transformers and make the site teste for them.

Dates : 2020
Project : Nargis Power Station 220/66/22KV with XD China GROUP
Job title : Site Commissioning & Tests Engineer
Job Description : Inspect 175 MVA 220/66/22KV transformers & testing instruments and the testing procedures according to IEC and assembly the transformers and make the site teste for them.

Dates : 2020
Project : Zahraa Madinat Nasr Power Station 220/66/22KV with XD CHINA GROUP
Job title : Site Commissioning & Tests Engineer
Job Description : Inspect 175 MVA 220/66/22KV & 40 MVA 66/22KV transformers & testing instruments and the testing procedures according to IEC.

Dates : 2019
Project : PERTOL 2 Power Station 66/22KV with ILJIN KOREA GROUP
Job title : Site Commissioning & Tests Engineer / TEAM LEADER
Job Description : Inspect 80 MVA 66/13KV transformers and assembly the transformers and make the site teste for them. Make site tests for SF6 GAS.

Dates : 2018
Project : DRFALA Power Station 500/220/11KV by Sewan GROUP CHINA
Job title : Team Leader

Job Description : Execute site tests for transformers & surges & 66, 11KV CIRCUIT BREAKERS & AUXILLARY TRANSFORMERS & SF6 GAS PROPERTIES....

Dates : 2017

Project : Sbtia Extension 220/66/11 Power Station by Getra Group Italy

Job title : Inspector, Commissioning & Testing Site Engineer

Job Description : Inspect & assembly and execute site tests for power transformers.

Dates : 2016

Project : BASOS Power Station 500/220/11KV with TBEA GROUP CHINA

Job title : Electrical Inspector

Job Description : Inspect 160 MVA 500/220/11KV AUTO transformers, testing instruments and the testing procedures according to IEC.

Dates : 2015

Project : Abu Zaabal Power Station 500/220/11KV with TBEA GROUP CHINA

Job title : Commissioning & Testing Site Engineer

Job Description : Inspect 160 MVA 500/220/11KV AUTO transformers, testing instruments and the testing procedures according to IEC & site tests.

Dates : 2014

Project : SF6 GAS SHIPMENT FOR CAIRO H.V SUBSTATIONS

Job title : Commissioning & Testing Site Engineer

Job Description : Inspect factory tests for sf6 gad, dew point, ges percentage, decompensation gases, ...etc.

Dates : 2013

Project : Mostorod Extension Power Station 66/11KV with SWEDY GROUP

Job title : Commissioning & Testing Site Engineer

Job Description : Inspect 40 MVA 66/11KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2012

Project : New Marg Extension Power Station 66/11KV with Maco & SWEDY GROUP

Job title : Electrical Inspector

Job Description : Inspect 40 MVA 66/11KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2011

Project : New Mashtal Power Station 66/11KV with MACO GROUP

Job title : Commissioning & Testing Site Engineer

Job Description : Inspect 40 MVA 66/11KV transformers, testing instruments and the testing procedures according to IEC. MAKE C.T & V.T & C.B TESTS.

Dates : 2010
Project : BADR Power Station 500/220/11KV with ILJIN GROUP
Job title : Commissioning & Testing Site Engineer
Job Description : Inspect 160MVA 500/220/11KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2009
Project : NEW MATAR Station 220/66/11KV with HYUNDAI KOREA GROUP
Job title : Commissioning & Testing Site Engineer
Job Description : Inspect 125 MVA 220/66/11KV transformers, testing instruments and the testing procedures according to IEC & site tests.

Dates : 2007
Project : Lithy Power Station 66/11KV with SWEDY GROUP
Job title : Commissioning & Testing Site Engineer
Job Description : Inspect 40 MVA 66/11KV transformers, testing instruments and the testing procedures according to IEC.

Dates : 2005
Project : Talkha Power Station 66/11KV with Maco GROUP
Job title : Trainee
Job Description : Fresh Graduate Site Trainee.

Field of experience :

- 19 years' experience in power stations testing & commissioning & maintenance and inspecting for transformers and H.V Switchgear parts.
- Responsible for testing transformers with rating 0.5 MVA up to 500 MVA for GIS & conventional substations and factory tests.
- Responsible for testing high voltage equipments up to 500KV in GIS & conventional substations.
- Carrying out of testing CT's, PT's, Surge arresters, ...
- Making tests on SF6 gas (Dew point, percentage, acidity, decomposition).
- Conducting training courses for technicians and engineers (testing and commissioning, transformers...etc.).
- Deal with various types of Electrical Protective relays which included in 220/66/11KV Substations.
- Have very good experience on inspection of equipment at site and factory.
- Commissioning and supervision of High Voltage Substations and power transformers division - Egyptian Electricity Transmission Company (EETC).
- Responsible for oversight, technical supporting project and quality management (according to IEC, IEEE, ISO and MPIS) of installation processes.
- (GIS substations, various voltage: 500/220/66KV - 220/66/11KV - 66/22, 33KV, in line with the companies implemented as: ABB, EGYMAC, HYUNDAI, Alstom).
- Responsible for commissioning procedures and guarantees, site

acceptance and checking of new power transformers, bushings, surge arrestors and circuit breakers; and do it with the client on site.

- Project executions considering quality and managing project risk and opportunities.
- Identifying and resolving operational problems during project execution, commissioning, installation and minimizing delays.
- Preparing approved technical information according to international standards, IEC, IEEE, ISO and MPIS. Comparing with previous designs, advice on appropriate references.
- Checking and approving models, drawings within their area of competence.
- Providing estimations duration matching support planning processes and feedback to head project manager.
- Understanding the health and Safety implications of work, carried out and advanced health regulations and safety working practices.
- Managing of 25 people - backup and commissioning power transformers team, covering 200 substations of Cairo zone transmission network (500/220/11KV, 220/66KV).
- Professions:
 - Electrical Commissioning & Testing Engineer.
 - Instruments Inspector.
 - Transformers Assembly & Maintenance Engineer.
 - Team Leader & Coordinator.
- Types of projects that performed:
 - HUNDREDS of factory tests for all types of Transformers (oil, dry, distribution, H.V, EXTRA H.V POWR TRANSFORMERS, AUTO TRANSFORMERS) in Swedy factory, Maco, ABB, TBEA CHINA, HYUNDAI BULGARIA, EGY TRAF0, ...etc.
 - HUNDREDS OF new or extending and replacing power stations projects in Egypt.
 - SF6 gas Factory testing.
 - Make site testing and inspection and routine testing for more than one thousand transformers in Cairo Network.