

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 20 years experience working in maintenance and testing of transformers.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/11/1981  
Gender : Male  
Marital Status : Married  
Residence : New Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, 2003

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: MS Project

## **TRAINING COURSES AND CERTIFICATIONS**

- : Electrical transformers, its utilization, and applications (The Arab Organization of the Industrial Development and Mining which belongs to the League of Arab States).
- : Transformer insulation and oil testing: How to use the oil test results to specify the specification case of the power transformer (Egyptian Company for Electrical Power System Engineering).
- : New Engineer preparation (North Cairo Electricity Distribution Company).
- : Vocational health and safety (North Cairo Electricity Distribution Company).
- : Analysis of power system quality (Egyptian Engineering Institute).
- : Advanced Electrical transformers (North Cairo Electricity Distribution Company).
- : Training of Trainer (TOT) course in the Leadership Development Center Egyptian Electricity Holding Company (Jan. 2016).
- : Effective leadership and time management course in the Leadership Development Center Egyptian Electricity Holding Company (Oct. 2017).

: Leadership Development Program LDP course in the Leadership Development Center Egyptian Electricity Holding Company (Nov. 2021).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2004 till now

**Employer** : Egyptian Ministry of Electricity

**Job title** : Department Manager

**Job Description** :

- Maintenance, repairing, testing of transformers and transformer oils.
- Maintenance and repairing of the medium and low voltage panels for both types indoor and outdoor.
- Maintenance and repairing of the indoor and outdoor distribution transformer substation including the transformer, medium and low voltage panels, and the outdoor substation metal body itself.
- Repairing of SF6 Ring Main Unit.
- Transformers Fault detection and fault analysis.
- Doing the routine test on transformers after maintenance or repairing and making sure that the transformer passed every test.
- Transformer oil testing such as:
  - Break down voltage.
  - Water content.
  - Acidity.
  - PCB-s contamination at 20, 50, 500 ppm for oil and soil using DEXSIL test kits.
- Giving training lectures to the company technicians on how to maintain and test the distribution transformers.
- Giving summer internship lectures to the students in both electrical and mechanical engineering departments for different universities in Egypt.
- Participated in the project of inventorying, safeguarding and managing pops (PCB oils, PCB-contaminated equipment, and obsolete pesticide stocks, dioxin and furan emissions) in Egypt which done by CSD, Egypt National Cleaner Production Center (ENCPC), Egyptian Environmental Affairs Agency (EEAA), and the World Bank.
- Traveling to South Korea from 1st to 6th of March 2010 for testing and checking dry type transformers 1500 KVA, 10500 / 400KV manufactured by ABB South Korea.
- Tenders analysis and putting its technical specifications.
- Participated in Sustainable Persistent Organic Pollutants (POPs) Management Project in Egypt Oct. 2014 - Nov. 2018.
- Participated in the Egyptian Electricity Holding Company for the Approval and Registration of Vega Middle East LLC for Transformer Oil in Dubai (UAE) (Oct. 2017).