

Holds a B. Sc. in Electrical Power Engineering and has about 17 years hands-on experience working in maintenance, testing and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 23/08/1976  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Course of Programming of PLC (Siemens S7-300).
- : Course of Conversation of English.
- : Course of hydraulic system at REXROTH EGYPT.
- : Course of Programming of inverters.
- : Training Course Instrument Devices & Power Measurement (P1) at Cairo West Power Station.
- : Training Course of Protection Fundamental (P2) at Cairo West Power Station.
- : Training Course of control at the International Company for Steel (INCOSTEEL).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2019 till 2020  
**Employer** : ERC (EGYPTIAN REFINING COMPANY)

- Job Description** : Testing Engineer for: Medium voltage switchgear & medium voltage motors & UPS AC & DC panels.
- Dates** : From 2014 till 2018
- Employer** : GESCO FOR TESTING & COMMISSIONING (KSA)
- Job Description** :
- SWITCHGEAR TESTS:
    - TIMING TEST FOR C.B by using CB ANALYZER (EGIL) & TM1720 & B10E POWER SUPPLY.
    - CONTACT RESISTANCE TEST BY USING CPC100.
    - CB INSULATION TEST BY USING MEGGER.
    - MOTOR CHARGING TIME & CURRENT BY USING FLUKE.
    - CB COIL RESISTANCE BY USING FLUKE.
    - CT TESTS BY USING CT ANALYZER.
    - VT TESTS BY USING CPC100.
    - AUXILIARY RELAY & MCB TEST BY USING SVERKER 760.
    - MCCB TEST BY USING ODEN.
    - CT SECONDRY INJECTION BY USING FREJA 300.
    - CT primary INJECTION BY USING cpc100.
    - VT SECONDRY INJECTION BY USING FREJA 300.
    - HIGHT VOLTAGE ON BUS BAR & CB BY USING HV TESTER.
    - VT INSULATION TEST BY USING MEGGER.
    - SCHEME CHECK FOR IO BOX IN SWITCHGEAR.
    - H.V TEST FOR MEDIUM CABLES BY USING VLF.
    - ACCEPTANCE & CONFIGURATION FOR PROTECTION RELAY (ABB REF615 & SIEMENS 7SJ461).
    - CAPACITOR TEST BY USING RLC & TANDELTA.
    - Maintenance and protection for MV motors 4.16KV (micom P142-OC-EF-DIFF-OVERSPEED).
  - GIS TESTS:
    - PREVIEW FOR MODIFICATION IN GIS PANELS.
    - 110KV BUSBAR STABILITY TEST.
    - GUEGE CALIBRATION TEST BY USING COMPRESSOR.
    - GAS PURITY TEST BY USING GAS ANALYZER.
    - H.V EARTH SWITCH (10KV) TEST BY USING HV TESTER.
    - CT SECONDRY INJECTION BY USING FREJA 300.
    - CT primary INJECTION BY USING cpc100.
    - VT SECONDRY INJECTION BY USING FREJA 300.
  - TRANSFORMER TESTS:
    - TRANSFORMER TURNS RATIO TEST.
    - VECTOR GROUP TEST.
    - WINDING RESISTANCE TEST.
    - INSULATION RESISTANCE AND POLRIZATION INDEX TEST.
    - MAGNETIC BALANCE TEST.
    - MAGNETIZING CURRENT TEST.
    - CAPACITANCE & TAN DELTA OF WINDING TEST.
    - CAPACITANCE & TAN DELTA OF BUSHING TEST.
    - SHORT CIRCUIT TEST (IMPEDANCE MEASUREMENT).
    - TESTING OF FANS.
    - MAGNETIZING CURRENT FOR HV SIDE AT 10KV.
    - ON-LOAD TAP CHANGER.
    - SWEEP FREQUENCY RESPONSE ANALYZER (SFRA).
  - PROTECTION RELAY:

- Siemens 7SJ64 for OC & EF protection.
- Siemens 7UT633 for diff & ref protection.
- SELL E487 for diff & ref protection.
- ABB ref615 for feeders protection.

**Dates** : From 2010 till 2014  
**Employer** : FLEXIPACK Company for printing & packing  
**Job Description** : Maintenance Engineer for: polycotted machines & printing machines & cutting machines & packing machines.

**Dates** : From 2004 till 2010  
**Employer** : INFIT Company for casting  
**Job Description** : Maintenance Engineer for the Hot Galvanization Line, Inverters, Disamatic molding machine (mk4-mk5), Induction furnaces, Pouring furnaces ABB, Heat treatment furnaces, Cooling towers, Generators, Compressors, Control systems by hydraulic and pneumatic, CNC machines, Machines shop, Instrumentation, Overhead cranes, ATS panels, Electronic cards, Servo motors, Stepper motors, Programming of PLC'S, Control Systems, motors protection by using invrters & oc protection relay.