

# 100438-ELE-2PTyz-E-2017

## Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 3 years hands-on experience working as Testing and Commissioning Engineer at several substations.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 18/06/1993  
Gender : Male  
Marital Status : Single  
Residence : Shoubra, Cairo

### EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2017

### LANGUAGES

Arabic : Native Language  
English : Fluent

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Matlab

### TRAINING COURSES AND CERTIFICATIONS

- : ELMACO - A week of training with a certificate: all about the transformers and their ways of production and Manufacturing:
  - Power Transformer.
  - Distribution transformer.
  - Fuses.
  - A.C. Arc Welding Transformer.
- : EGYMAC - A week of training with a certificate:
  - Low Voltage Distribution Panels.
  - Protection and control Panels.
  - Distribution Cabinets.
  - Medium Voltage Distribution Panels.
  - Ring Main Units.
- : ARAB ORGANIZATION FOR INDUSTRIALIZATION:
  - Share in installation of a distributing transformer in a location inside it.

- Have been taught about the mechanism of power station supplying the whole factory.
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From May 2020 till now  
**Project** : Gamasa to 220/66/11KV  
**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- Commissioning for (Protection, Control & LCC Panels).
- Commissioning for (CT Loop).

**Dates** : From Jan. 2020 till May 2020  
**Project** : Rehabilitation of ESNA to 66/11  
**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- Testing (CB'S - CT'S - VT'S) FOR 66KV Site.
- Testing (CB'S - CT'S - VT'S) FOR 11KV Site.
- Commissioning for (Protection, Control, LCC & Transformers Panels).
- Commissioning for (CT Loop – VT Loop).
- Commissioning for Operation & Interlock.
- Stability Tests on Transformer.
- Bus Bar Stability Test.

**Dates** : From Aug. 2019 till Jan. 2020  
**Project** : El Sokhna GIS 500/220KV SUBSTATION Extension  
**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- Testing (CB'S - CT'S - VT'S) FOR 500KV Site.
- Testing (CB'S - CT'S - VT'S) FOR 220KV Site.
- Commissioning for (Protection, Control, LCC & Transformers Panels).
- Commissioning for (CT Loop – VT Loop).
- Commissioning for Operation & Interlock.
- Testing for Some Protection Relays.
- Stability Tests on Transformer.
- Bus Bar Stability Test.
- Testing of Aux Transformers.

**Dates** : From Jul. 2019 till Aug. 2019  
**Project** : West El Shorouk GIS 220/22KV SUBSTATION  
**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- Commissioning for (Protection, Control & LCC panel).
- Commissioning for Operation & Interlock.
- Stability Tests on Transformer.
- Bus Bar Stability Test.

**Dates** : From May 2019 till Jul. 2019  
**Project** : EL OMID AIS 220/66/22KV SUBSTATION Extension

- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Testing of 66KV Power Transformers.
  - Testing (CB'S - CT'S) FOR 66KV Site.
  - Testing (CB'S - CT'S - VT'S) FOR 22KV Switch Gear.
  - Commissioning for (Protection, Control & LCC panel).
  - Commissioning for (CT Loop).
  - Commissioning for Operation & Interlock.
  - Commissioning for 22KV SWGR.
  - Testing for Elster & CEWE Energy Meters.
  - Stability Tests on Transformer.
  - Bus Bar Stability Test.
- Dates** : From Apr. 2018 till May 2019
- Project** : ABU SULTAN AIS 66/22KV SUBSTATION
- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Supervising of engineering for construction for the entire project till energized.
  - Testing of 66KV Power Transformers.
  - Testing (CB'S - CT'S - VT'S) FOR 66KV Site.
  - Testing (CB'S - CT'S - VT'S) FOR 22KV Switch Gear.
  - Commissioning for (Protection & Control panels - LCC panels).
  - Commissioning for (CT Loop – VT Loop).
  - Commissioning for Operation & Interlock.
  - Commissioning for 22KV SWGR.
  - Testing for Elster & Genius Energy Meters.
  - Testing & Commissioning for Capacitor Bank.
  - Stability Tests on Transformer.
  - Bus Bar Stability Test.
- Dates** : From Nov. 2017 till Mar. 2018
- Project** : ALTAJAMOUAT AIS 66/11KV SUBSTATION
- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Testing (CB'S - CT'S - VT'S) FOR 66KV Site.
  - Testing (CB'S - CT'S - VT'S) FOR 11KV Switch Gear.
  - Commissioning for (Protection panels - Control panels & LCC panels).
  - Commissioning for (CT Loop – VT Loop).
  - Commissioning for 11KV SWGR.
  - Testing for Elster & CEWE Energy Meters.
  - Testing & Commissioning for Capacitor Bank.
  - Commissioning for Event Recorder.
  - Stability Tests on Transformer.
- Field of experience** :
- Testing and commissioning for (CB – CT – VT – power transformers, ...etc.).
  - Review Circuits (CT – VT – Interlock – Trip – Alarm ...etc.).
  - Scheme Check.
  - Testing some kinds of Protection Relays.
  - Design review for control and protection panels.

- Commissioning for Medium voltage SWGR.
- Testing & Commissioning for Capacitor Bank.
- Testing of Energy Meters.
- Primary and Stability Tests.
- Deal with testing devices (CBA1000 – Omicron CT Analyzer – NDB CTTx5 – Megger – T3000 – ISA DRTS6 ...etc.).