

**102131-ELE-12STyz-S-2015**  
**Electrical Testing & Commissioning Technician**

Has over 8 years experience working as Electrical Testing & Commissioning Technician.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 07/01/1996  
Gender : Male  
Marital Status : Married

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2022 till now  
**Employer** : Elsewedy Electric PSP  
**Job title** : Technician A

**Dates** : From Jun. 2021 till Jan. 2022  
**Employer** : Madkour Company  
**Job title** : Technician A

**Dates** : From Mar. 2015 till Apr. 2021  
**Employer** : Elsewedy Electric PSP  
**Job title** : Technician B

### Projects:

- 320MW Mahmoudia Simple Cycle Power Plant, 2x160MW Gas turbines, fast track turn-key project, Egypt:
  - 2x160MW Gas Turbines with auxiliaries, ANSALDO Energia.
  - Common control building.
  - 2x160MW power transformers & 2x8MW auxiliary transformers. ETD.
  - 3x6.6KV metal cladding SWGR, SIEMENS.
  - 220KV GIS, one and half bus bar arrangement, 4 Diameters,

SIEMENS.

- Substation protection relays SIEMENS, SIEMENS SICAM PAS substation control system.
- 4800MW Beni Suef CCPP, phase 1 (6x400MW) Gas turbines, fast track turn-key project, Egypt.
- Shat Al-Arab 400/132/11KV substation, Turn-key project, Iraq:
  - 400KV GIS, one and half breaker bus bar arrangement, Toshiba.
  - 132KV GIS, Double bus Single breaker bus bar arrangement, Toshiba.
  - 11KV MV metal cladding, ABB.
  - Power transformer, 400/132/11KV, 250/3 250/3 75/3 MVA, Toshiba.
  - GE protection relays & GE substation control system.
- LRT 220/27.5KV substation, Turn- key project, Egypt.
- New Babil 400/132/11KV substation, Turn-key project, Iraq:
  - 400KV GIS, one and half breaker bus bar arrangement, Toshiba.
  - 132KV GIS, Double bus Single breaker bus bar arrangement, Toshiba.
  - 11KV MV metal cladding, ABB.
  - Power transformer, 400/132/11KV, 250/3 250/3 75/3 MVA, Toshiba.
  - GE protection relays & GE substation control system.
- West Port Said Substation 500/220/66/11KV GIS
- El-Tebeen 8 Substation 66/11/6.6KV GIS

**Field of experience :**

- Perform power plant / substation testing and commissioning activities.
- Perform all the tests needed in GIS (500KV, 400KV, 220KV, 132KV, 66KV, 33KV and 22KV), (LCC scheme checking, interlock, Breaker timing, contact resistance, Hi-pot test and partial discharge).
- Perform all the tests for motors (Insulation resistance, rotation check).
- Perform all the tests for power transformers (Insulation resistance, DC winding resistance, Turns ratio, Vector group, Tan Delta, Alarm test, Oil breakdown), and interface with other systems.
- GCB testing (Interlock, Timing, Contact resistance, CT, VT and interconnection with other equipment).
- Perform all the modifications as per schematics.
- Perform all the tests for MV switchgear.
- Perform wire check and interface connection (continuity) for all system.
- DC and UPS system (charging batteries and start-up).
- Medium and High voltage cables testing (insulation resistance & Hi- pot and VLF).
- Perform all the tests for power transformers.
- Familiar with a lot of testing equipment like:
  - Omicron CT analyzer.
  - Omicron CT analyzer.
  - MEGGER delta 4000.
  - Omicron CPC 100.
  - Megger timing device.
  - Kocos timing device.
  - ISA 3000T.
  - AC/DC Hi- pot tester.

- Oil breakdown tester.
- Insulation resistance tester.
- Contact resistance tester.
- Earth resistance tester.