

# 101080-ELE-CST-E-2017

## Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Engineering and has over 2 years experience working in installing electrical substations (commissioning, testing and construction).

### PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Gharbia

### EDUCATION

: B. Sc. in Electrical Engineering, Tanta University, 2017

### LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: Enervista UR Setup  
: OMICRON Test Universe  
: AutoCAD  
: Dialux

### TRAINING COURSES AND CERTIFICATIONS

: Training at Talkha Power Station, Mansoura (Aug. 2015).  
: Training at Cairo Oil Refining Company, Tanta (Jul./Aug. 2016).

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2020 till now  
**Employer** : BEDAYA CONSTRUCTION  
**Job title** : Testing & Commissioning Engineer

**Dates** : From Jan. 2019 till Dec. 2019  
**Employer** : CCG-Egypt

**Job title** : Electrical Site Engineer

- Field of experience** :
- Pre-commissioning for control and protection circuits in control panels, marshaling panels and protection panels.
  - Testing current transformer, voltage transformers.
  - Testing timing for circuit breakers.
  - Testing contact resistance for circuit breakers, GIS conductors and disconnecting and earthing switches.
  - Testing sf6 gas analysis and leakage.
  - Testing power transforms.
  - High voltage testing.
  - Ability to deal with any scheme. Scheme I have been dealing with it (EGEMAC, XD, TAIKI, CHIEN, EMBLON, LS, GE).
  - Testing and commissioning feeders, transformers, trans feeders, busbar, event record, fault record, transducers panels.
  - Testing CT & VT loops, AC & DC loops and synchronizing loops.
  - Testing signals for annunciator and SAS.
  - Testing interlock circuits and adding any circuit as require in site.
  - Ability to discover mistakes in scheme and solve it.
  - Ability to redesign control circuits and interlock circuits.
  - Ability to design the interface between panels for missing circuits in scheme and calculate all cables needed for this missing circuits.
  - Testing stability for power transformers and busbar.
  - Testing and commissioning medium voltage switchgear.
  - Familiar with next testing equipment CMC, CPC100, FREJA, EGIL, SVERKER, CT Analyzer, MEGGER, and ODEN.
  - Familiar with F650 relay.
  - Having a good feedback about construction work like:
    - Control and protection panels installation.
    - GIS Equipment installation.
    - Power transformer installation.
    - Cables trays installation.
    - Gantry, sarge arrestors and CVT installation.
    - Power and control laying and termination.
  - Projects:
    - Tami El Amdid substation 66/11KV.
    - Tameya substation 220/66/11KV (Jan. 2020 – May 2020).
    - Tanta South 220KV Substation (Oct. 2019 – Dec. 2019).
    - Colangeel Substation 66/11KV (Jun. 2019 – Oct. 2019).
    - El-Shabab Substation 66KV Extension (May 2019 – Jun. 2019).
    - Al-Qussair Substation 66/22KV (May 2019).
    - Maasara Substation 66/11KV (Feb. 2019 – May 2019).
    - Quosia Substation 66/11KV (Jan. 2019 – Feb. 2019).