

**102351-ELE-256CMOQTyz-E-2016**  
**Senior Electrical Operation & Maintenance Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years experience working in construction, maintenance, operation, QC and testing.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/07/1993  
Gender : Male  
Residence : Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Al-Shorouk Academy, 2016

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Etap  
: Dialux

## TRAINING COURSES AND CERTIFICATIONS

- : Training in Testing and maintenance engineering section (Jun. 2015 – Sep. 2015), Nasr Petroleum Company, Suez:
  - Testing & commissioning of medium voltage panels (6.6KV) and low voltage MCC (440 V-380 V).
  - Testing, commissioning & maintenance of power transformers (2 MVA to 10 MVA) and distribution transformers.
  - Testing of medium voltage motors (6.6KV) and low voltage motors (440KV).
  - Testing medium and low voltage cables.
  - Adjusting digital protective relays settings (Sepam "Schneider Electric" – Rex / Ref "ABB").
  - Testing and maintenance of protective lightning and earth system.
  - Testing CT's and VT's.

- : Training in Operation and maintenance (Jun. 2015 – Sep. 2015), Nasr Petroleum Company, Suez:
  - Operating and maintenance of medium voltage panels (6.6KV) and low voltage MCC (440V).
  - Maintenance of medium voltage motors (6.6KV) and low voltage motors (440V).
  - Operating and maintenance of battery chargers (380 V AC – 24/36 V DC).
  - Dealing with digital protective relays (Sepam "Schneider Electric").

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2021 till now
- Employer** : Kahraba – EKH
- Job title** : Senior Electrical Operation & Maintenance Engineer
- Job Description** :
  - Managing a large site contain financial, sales, maintenance and administration teams.
  - Implementing electrical preventive maintenance tasks “transformers, generator, L.V and M.V panels”.
  - Improving the electrical predictive and preventive maintenance tasks.
  - Study and Implement all Expansion plans technically.
  - Pre-commissioning and commissioning for 66/11KV Substations, dealing with protection relays (Over current protection relay, Earth fault protection relay, distance protection relay and differential relays), switchgears, M.V cables and transformers.

- Dates** : From Nov. 2019 till Sep. 2021
- Employer** : Power House Egypt
- Job title** : Electrical QC & Testing Engineer
- Job Description** :
  - Testing of all electric equipment and utilities (Generators, Transformers, LV panels, MV panels, Earth systems, Load banks, Motors and Cables).
  - Troubleshooting the electric faults and help the maintenance team to solve it.
  - Keeping sure for the electric system reliability and continuity.
  - Improving the production process of the panel-building factory.

- Dates** : From Mar. 2018 till Sep. 2019
- Employer** : Air Liquid
- Job title** : Electrical Engineer
- Job Description** :
  - Turnarounds Planning Engineer as a member of CMT "Central maintenance team", responsible for:
    - Planning for electrical and mechanical tasks included within the turnaround.
    - Indicating the manpower, tools and spare parts that will be needed in each task.
    - Following up the alignment of planned tasks to actual conducted.
  - Implementing electrical preventive maintenance tasks "motors, transformers, generator and MV panels".
  - Improving the electrical predictive and preventive maintenance tasks.

- Troubleshooting the electrical faults.