

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years experience working in construction, maintenance and operation at several substations and other projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 19/03/1995  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2018

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Matlab  
: AutoCAD  
: Dialux  
: ETAP

## TRAINING COURSES AND CERTIFICATIONS

: DCS operation and maintenance in Abu Qir Training Center.  
: Combined Cycle Power Station operation in Abu Qir Training Center.  
: Measurement and control instruments in combined cycle power station in Abu Qir Training Center.  
: Behira Engineers Syndicate: training course in the stations steam and combined.  
: AMIDEAST: English course.  
: ICDL Certification.  
: PLC.  
: Classic control.  
: Drives.

- : HMI.
- : Scada.
- : Training in Behera Company for Electricity Distribution (2018).
- : Training in Egyptian Electricity Transmission Company (2018).
- : Training at Middle Delta Electricity Production Company (MDEPC), Nubaria Combined Cycle Power Plant 2250MW (3x750MW) as I&C Engineer (from Jun. till Sep. 2017):
  - Calibration, Installation, Instrumentation piping of all Field Instruments such as Gauges, Thermocouples, RTD's, Flow meters, Solenoids, Transmitters, Fire detectors, Flame detectors, Vibration and speed sensors, Switches etc and Controllers.
  - Pre-Commissioning Activities like Continuity check, Loop Check, Leakage Tests, Functional Check of the PCC and Circuit Breakers with the Control System.
  - Vendor Drawing Review; Inspection of the Field Instruments Detailed Engineering Activities for Instruments like I/O lists, cable list, P&ID's, Loop Drawings & Interconnection Drawings.
  - Monitor, troubleshoot & maintenance the valves.
  - Project Documentation reports & preparation of As-Built drawings.
  - Assistance of Control System Logic, PLC Ladder, etc.
  - Good experience in the following field calibrator devices: HART 375 communicators – Druck-UPSIII loop calibrator – Function Generators, Druck DPI 610/615 Portable Pressure Calibrator Series.
- : Training at West Delta Electricity Production Company (WDEPC), Damanhour Combined Cycle Power Plant 150MW (4x25MW + 58MW) as I&C Maintenance Engineer (from Jun. till Sep. 2016):
  - Lube oil system.
  - Hydraulic oil system.
  - Closed cooling system.
  - Vibration monitoring system.
  - Firefighting system.
  - Fire alarm system.
  - Fuel gas system.
  - Fuel oil system.
  - Gas detection system.
  - Air compressors.

## CHRONOLOGICAL EXPERIENCE RECORD

- |                        |   |  |
|------------------------|---|--|
| <b>Dates</b>           | : | From Jun. 2023 till now  |
| <b>Employer</b>        | : | Madkour Utilities  |
| <b>Project</b>         | : | Future of Egypt, Al-Dabaa Road – Giza  |
| <b>Job Description</b> | : | Operation and maintenance MV system (Substation 66/22KV, MV Switchgear, Oil, MV RMU, MV Cables). |
| <br>                   |   |  |
| <b>Dates</b>           | : | From Aug. 2022 till Jun. 2023  |
| <b>Employer</b>        | : | Madkour Utilities  |
| <b>Project</b>         | : | Compound Sarai, New Cairo  |

**Job Description** : Operation and maintenance MV & LV system (MV Switchgear, Oil & Dry Transformers, MV RMU, MV & LV Cables, LV Panels).

**Dates** : From May 2022 till Aug. 2022

**Employer** : Madkour Utilities

**Project** : Compound Wesal, Cairo

**Job Description** : Operation and maintenance MV & LV system (MV Switchgear, Oil & Dry Transformers, MV RMU, MV & LV Cables, LV Panels).

**Dates** : From Dec. 2021 till May 2022

**Employer** : Madkour

**Project** : Ring Road, Cairo

**Job title** : Electrical Construction Engineer

**Job Description** : Installing lighting poles with LV system.

**Dates** : From Jul. 2021 till Dec. 2021

**Employer** : Madkour

**Project** : Toshka 3 GIS Substation 220/66/22KV, Aswan

**Job title** : Electrical Construction Engineer

**Job Description** :

- Cable tray and ladder & MV Switchgear installing.
- Installing of Power, Auxiliary, Zigzag Transformer.
- Installing of all panels like control, protection, AC.
- Installing of DC system (batteries, DC panels, chargers' panels).
- Installing of Outdoor Equipment like CT, VT, Surge arrestor, Steel Structure, Gantry.
- Supervision of GIS installation.
- Supervision of Fire hydrant system installation.
- Supervision of Fire Fighting system installation for Power Transformers.

**Dates** : From Aug. 2020 till Jul. 2021

**Employer** : Madkour

**Project** : Toshka, Aswan

**Job title** : Electrical Construction Engineer

**Job Description** : Building up MV & LV system for Reclamation of thousands of acres.

**Dates** : From May 2020 till Aug. 2020

**Employer** : Madkour

**Project** : El-Farafra Farm (10000 acres), New Valley

**Job title** : Electrical Maintenance & Construction Engineer

**Job Description** : Restart the electrical system (solar station and MV & LV system).

**Dates** : From Mar. 2020 till May 2020

**Employer** : Madkour

**Project** : New Capital GIS Substations S2 & S3 220/22/22KV, Cairo

**Job title** : Electrical Construction Engineer

**Job Description** : Closing punch list items.

**Dates** : From Jan. 2020 till Mar. 2020

**Employer** : Madkour

**Project** : El Robiky AIS Substation 66/22KV, Cairo

**Job title** : Electrical Construction Engineer

**Job Description** : Closing punch list items.

**Dates** : Jan. 2020

**Employer** : Madkour

**Project** : Beni Suef Cement GIS Substation 220/11KV

**Job title** : Electrical Construction Engineer

**Job Description** : Closing punch list items.

**Dates** : From Aug. 2019 till Dec. 2019

**Employer** : Madkour

**Project** : El-Galala Marble GIS Substation 220/22/22KV, Suez

**Job title** : Electrical Construction Engineer

**Job Description** :

- Cable tray and ladder & MV Switchgear installing.
- Installing of Power, Auxiliary, Zigzag Transformer.
- Installing of all panels like control, protection, AC.
- Installing of DC system (batteries, DC panels, chargers' panels).
- Installing of Outdoor Equipment like CT, VT, Surge arrestor, Steel Structure, Gantry.
- Supervision of GIS installation.
- Supervision of Fire hydrant system installation.
- Supervision of Fire Fighting system installation for Power Transformers.

**Dates** : From Apr. 2019 till Jul. 2019

**Employer** : Madkour

**Project** : El-Qawmya GIS Substation 66/22KV, Cairo

**Job title** : Electrical Construction Engineer

**Job Description** : MV & LV & Control Cables and Earthing System.

**Dates** : From Jan. 2019 till Mar. 2019

**Employer** : Madkour

**Project** : New Capital GIS Substation S2 220/22/22KV

**Job title** : Electrical Construction Engineer

**Job Description** : MV & LV & Control Cables and Earthing System.

**Dates** : From Jun. 2018 till Jan. 2019

**Employer** : Fox Company, Alexandria

**Job title** : Testing & Commissioning Engineer

**Job Description** : Power electronics mainly at maintenance and manufacturing DC battery charger.