

Holds B. Sc. in Communications & Electronics Engineering and M. Sc. in Electrical Engineering. Has over 11 years' experience working in I&C, operation, commissioning and maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 15/09/1987  
Gender : Male  
Marital Status : Single  
Residence : Assiut

## **EDUCATION**

: B. Sc. in Communications & Electronics Engineering, Assiut University, 2010  
: M. Sc. in Electrical Engineering, 2021

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Gas Turbine operation 9E Dual fuel Gas/liquid in Assiut by GE Company (2015).  
: Steam turbine D202 operation in Assiut by GE Company (2018).  
: Combined cycle operation training at DOOSAN boiler in Assiut by GE Company (2018).  
: Mark VIE maintenance by GE in Assiut by GE Company (2018).  
: Operation and maintenance for MV SWGR, MVCB in Assiut by Schneider Electric (2016).  
: Atlas air compressor ZR145 in Assiut (2015).  
: Training in Mokattam Institute of the South Cairo Electricity Distribution Company for operation, maintenance and protection for distribution boards for medium voltage and testing the electrical medium voltage cables by Seba equipment (teleflx, high voltage test, audio frequency, surge unit, burn unit) in Cairo (2013).  
: CCNA network fundamentals, Assiut University (2009).  
: GSM, GPRS in Assiut by JELECOM Company (2009).

- : Training in Mobiserve Company as a Maintenance Engineer for maintenance MOBINIL mobile towers and in ALCAN Company for maintenance for Etisalat mobile towers in Assiut (2010).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2019 till now  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : Assiut Combined Cycle Power Plant (8 GE GT Frame 9E (8x125MW), 8 HRSG units, (2x250MW) STG GE)  
**Job title** : I&C Engineer  
**Job Description** : Calibration of instrumentation equipment in addition to that I'm part of the troubleshooting & diagnostics team to determine the failure modes based on analyzing historic and live trends. Adjust controls to generate specified electrical power and regulate the flow of power between generating station and substation control the maintain auxiliary equipment such as pumps fans compressors and condensers heaters filters supply water fuel lubrication control the generator output to match the phase, frequency, and voltage electricity supplied panel make adjustment and minor repairs and major repairs.

**Dates** : From May 2014 till 2019  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : Assiut Combined Cycle Power Plant (8 GE GT Frame 9E (8x125MW), 8 HRSG units, (2x250MW) STG GE)  
**Job title** : Shift Charge Operation Engineer  
**Job Description** :

- Adjust controls to generate specified electrical power and regulate the flow of power between generating station and substation.
- Control the maintain auxiliary equipment such as pumps, fans, compressors, condensers, heaters, filters, supply water, fuel and lubrication.
- Control the generator output to match the phase, frequency and voltage electricity supplied panel.
- Make adjustments and minor repairs and major repairs.
- Monitor and inspect power plant equipment and indicators to detect evidence of operating problem.
- Get outage calls and personal during power outage and emergencies.
- Documents and operational data complete adjustment and report.
- Participate in:
  - Installation and commissioning for 8 units GE 9E gas turbine and make bore scope inspection and combustion inspection.
  - Installation and commissioning for 8 boilers DOOSAN and attended for continuity and commissioning and loop checking and make function test for the systems.
  - Steam blowing for 8 HRSG and ACC hot cleaning.
  - Make factory acceptance test (FAT) for isolated phase bus for ALFA Standard Company in Italy.
  - Calibration of control valves (pneumatic, MOV, ...etc.).

**Dates** : From Feb. 2012 till May 2014  
**Employer** : South Cairo Electricity Distribution Company  
**Job title** : Maintenance Engineer  
**Job Description** :

- Make the preventive maintenance program for 53 medium voltage distribution board.
- Make load balancing.
- Identify cable faults and repair cable faults.