

Holds a B. Sc. in Mechatronics Engineering and has over 7 years hands-on experience working in commissioning and operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/05/1988
Gender : Male
Marital Status : Married
Residence : El-Obour City

EDUCATION

: B. Sc. in Mechatronics Engineering, 6 October University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : AutoCAD
- : Microcontroller
- : PLC
- : DCS Operation by YOKOGAWA, YOKOGAWA Training Center, El Mahriq, Bahrain (Mar. 2017).
- : Operation for Steam turbine by ANSALDO, Ansaldo factory, Genoa, Italy (Apr./May 2015).
- : Operation for HRSG by STF, Giza North Power Station (Sep. 2014).
- : Cairo Electricity Production Company Training Center (from Mar. till Jun. 2013):
 - Operation for Gas turbine and Generator by General Electric Company (GE).
 - Operation and Maintenance of Gas Turbine GE 250MW – Control System Mark VI.
 - Acquaintance with DCS – HRSG – Turbines – Generators – Circuit Breakers – Transformers – Instruments.
 - Acquaintance with the station administration system.

- : Gas turbine and Generator operation by General Electric (GE), Giza North Power Station (Feb./Mar. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2017 till Feb. 2018
Employer : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor
Project : Al-Shabab Power Plant 1500MW
 (8x125MW GE Gas turbine 9E through Mark Vie Control system + 8 HRSG AC Boiler + 2x250MW Ansaldo Energia Steam turbine through Symphony plus ABB control system)
Job title : Field Operator

Dates : From Jan. 2014 till 2017
Employer : Cairo Electricity Production Company (CEPC)
Project : Giza North Combined Cycle Power Plant (2250MW)
Job title : Commissioning & Operation Engineer
Job Description :

- 6x250 GE 9FA gas turbine gas and liquid fuel fired.
- Maintenance activities that related to gas turbine operation.
- Gas Turbine Compressor water wash.
- Load rejection test, Housing test and over-speed test.
- STF Heat Recovery steam Generator (HRSG) steam blowing, commissioning and start-up.
- Ansaldo Energia 3x279MW steam turbine commissioning and start-up testing (First rolling - Overspeed - Load rejection tests.....etc.).
- Balance of Plant (BOP) commissioning and operation including (Air compressors, Closed Cooling Water pumps, Service Water pumps, Liquid fuel pumps, Circulate Water pumps, Liquid fuel treatment system and feed water pump.....etc.).
- 220KV and 500KV GIS.
- Low and Medium Voltage Switchgear (400V, 6.3KV), Emergency Diesel Generators.
- Issuing the work permits for maintenance department and project contractors for maintenance, construction and commissioning activities in the project field.

Dates : From Apr. 2013 till Dec. 2013
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo North Combined Cycle Power Plant (750MW)
Job title : Operation Engineer
Job Description :

- 2x250MW General Electric MS-9001FA Gas Turbine control Mark Vie by GE combined with 2 Heat Recovery Steam Generator (HRSG) manufactured by NEM.
- 1x250MW Alstom steam turbine.
- BOP under DCS controller (Mark Vie General Electric control).
- All auxiliaries systems (service air system, instrument air system, fire system, service water system, closed cooling water system.....etc.).
- High voltage switchgear GIS 220KV.
- Low and Medium Voltage Switchgear (400V, 6.3KV), Emergency Diesel

Generators.

- Perform the required weekly and monthly tests.
- Cooperate with maintenance departments for troubleshooting.
- Prepare the daily performance reports.
- Issuing the work permits for maintenance to ensure the safety for personnel and equipment.