

Holds B. Sc. and M. Sc. in Electrical Power & Machines Engineering and has about 13 years' experience, working in operation, start-up and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/01/1989  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2010
- : M. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2016
- : Omar Makram High School, Behira, 2005

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

- : Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : TOT.
- : Certified Trainer at Behira Engineers Syndicate.
- : Certified Trainer at Middle Delta Electricity Production Company.
- : Programmable Logic Controllers from JELECOM-EGYPT Company.
- : ICDL Certificate.
- : TOEFL Certificate.
- : Training course for Gas turbine (Component/Operation) and combined cycle (GE CTG 2x250MW – Alstom STG 250MW – STF HRSG), Middle Delta Electricity Production Company, Nubaria (Jul. 2012).
- : Training course for electrical production, West Delta Electricity Production Company, Damanhour (Aug. 2008).
- : Telecom Egypt training course, Damanhour (Jul./Aug. 2007).

- : Al-Behira Company (Western and Eastern sections) for electrical distribution, Damanhour (Jul. 2007 and Jun./Jul. 2008).
- : Distribution Panels course (ITC – Industrial Training Council), Alexandria (Mar. 2010).
- : Motor winding (Single phase and three phases) (ITC – Industrial Training Council), Alexandria (Apr. 2010).
- : Programmable Logic Control course (ITC – Industrial Training Council), Alexandria (Oct./Nov. 2009).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2012 till now
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Power Station Module III (750MW):
- Two GE CTG x 250MW type MS9001 (9FA).
  - Two horizontal STF HRSG.
  - One ALSTOM STG 250MW (HP, IP, LP).
  - 500KV switchyard.
  - Medium and low switchgears.
  - Module auxiliaries such as 3 circulating water pumps, 2 closed cooling water pumps, 2 service water pumps, 2 condensate water pumps, 3 feed water pumps (high pressure, low pressure), 2 tube cleaning system, 2 debris filter, 2 condenser vacuum pumps, 2 water box vacuum pumps, 3 demi water pumps, 6 instrument air compressors, 2 service air compressors.
  - Two outgoing circuits 500KV.
  - Modules Auxiliaries Elect.
- Note: GE CTG units have been upgraded, control system (Mark VI to Mark VIe) and Combustion system (DLN 2.0 to DLN 2.6+).
- Job titles** :
- GE Gas Turbines Operation Engineer
  - ALSTOM STG Operation Engineer
  - STF HRSG Operation Engineer
- Dates** : From Aug. 2015 till Oct. 2015
- Employer** : [EGYPTROL](http://www.egyptrol.com)
- Projects** : Hamra - Bany Ghalip Power Stations, TM2500 units (Assiut)
- Job title** : GE Gas Turbines TM2500 Operation Engineer
- Dates** : From Oct. 2010 till Mar. 2012
- Employer** : Misr Company for packaging and wrapping (EGYWRAP) (6th of October City) (the production of polypropylene films for the purposes of packaging (four production lines))
- Job title** : Electrical Maintenance Shift Engineer
- Dates** : From Jul. 2010 till Oct. 2010
- Employer** : Maria Company (10th of Ramadan City, Sharkia) (commerce and manufacturing in field of Petroleum location feeding and control of power)
- Job title** : Electrical Engineer

- Field of experience :**
- Ability of reading electronic and electrical catalogues of any machine or drive.
  - Ability of searching for faults and finding adequate solutions in a systematic matter.
  - Ability of learning any additional courses and acquisition information very easy.
  - Ability of dealing with technical to form a team work to find quick solutions.
  - Ability of understanding any production line, treatment with every electrical, mechanical, measurements component.
  - Ability of working under arduous and very sensitive conditions.
  - Follow the Dispatch Load Request.
  - Perform Periodical Test.
  - Start-up and Shut down of the Units.
  - Detect and diagnose malfunction of equipment and prepare for work orders.
  - Operate the units even in case of abnormal operation.
  - Collect and analyze periodical data.
  - Follow and Deal with Alarms in Central Control Room.
  - Perform necessary measures and check out before Equipment Start-up.
  - Follow Operation Specifications.
  - Analyze Equipment Efficiency and performance.
  - Application of Validated Procedures.
  - Analysis of all Necessary Information about Local Sites.
  - Operations of high, medium and low voltage switchgears and load centers.
  - Wide knowledge of Operation of combined steam cycle.
  - Operate units' auxiliaries (Feed systems, Air Compressors, cooling systems, circulating water systems, condensate systems, boiler systems, turbine systems, fuel system, generator systems and electrical systems and all related Utilities).
  - Issue equipment clearances and work permits, develop and implement plant operating procedures.