

Holds a B. Sc. in Electrical Power Engineering and a Diploma in Automatic Control Engineering. Has more than 7 years hands-on experience working in operation and start-up at Damietta Combined Cycle Power Plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/04/1985  
Gender : Male  
Marital Status : Married  
Residence : Damietta

## **EDUCATION**

: B. Sc. in Electrical Power Engineering, Mansoura University, 2009  
: Diploma in Automatic Control Engineering, Mansoura University, 2014

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Training Course in Siemens SGT5-2000E (V94.2) Operation, Certified from EDEPC (East Delta Electricity Production Company).  
: Training Course in GECALSTHOM (Steam Turbine & Auxiliaries) Operation, Certified from EDEPC (East Delta Electricity Production Company).  
: Training Course in AEG (GIS) 220KV switchgear.  
: Training Course in AEG (GIS) 66KV switchgear.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jul. 2010 till now  
**Employer** : East Delta Electricity Production Company  
**Project** : Damietta Combined Cycle Power Plant (Gas & Oil Thermal Power Plant)  
**Job title** : Operation Engineer

- Job Description** :
- Steam Boiler Desk Operator:
    - Operating & Monitoring Steam Turbine (GEC ALSTHOM) Combined Cycle.
    - High pressure (70 bar) & low pressure (4 bar) steam turbine driving elect. Generator 11.5KV, 140MW.
    - Power transformer 11.5KV / 220KV, 152 MVA.
    - Operate through DCS based consoles in line with company's standard operating procedures.
    - Performing the unit start-up and shutdowns per assigned target, trouble shooting, effective response to emergency conditions.
    - Monitor the operation of a power generating unit to ensure reliable and efficient generation.
    - Compliance to safety procedures.
  - Operating & Monitoring Gas Turbine (Siemens V94.2):
    - Two units of gas turbine v94.2 each one of them drive elect. Generator TLRI 135MW, 10.5KV.
    - Two power transformers each one 10.5KV / 220KV, 152 MVA.
    - Two power transformers 10.5KV / 6.3KV, 8.7 MVA.
    - Four units of air compressors.
    - Performing the unit's start-ups and shutdowns per assigned target. trouble shooting, effective response to emergency conditions.
    - Monitor the operation of a power generating unit to ensure reliable and efficient generation.
    - Compliance to safety procedures.
  - Operating & Monitoring (GIS) 220KV switchgear (1.5) C.B Arrangement:
    - Switch yard contain connections of (9 Generators, 6 Transmission lines & 4 powers Transformer).
    - Control panels for these connections.
    - Protection systems of Transmission Lines & Transformers.
    - Isolation system of connections.
    - Carry out the maneuvering of connect and disconnect: 9 Generators, 6 Transmission lines & 4 power Transformers.
    - Carry out safety isolation and precautions.