

**104351-ELE-1OS-E-2009**  
**Assistant Shift Charge Engineer**

Holds a B. Sc. in Electrical & Electronics Engineering and has about 7 years hands-on experience working in operation field at New Talkha Combined Cycle Power Station (750MW).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/08/1987  
Gender : Male  
Marital Status : Single  
Residence : Mansoura

## EDUCATION

: B. Sc. in Electrical & Electronics Engineering, Mansoura University, 2009  
: Secondary Education: Mansoura Language School, 2004

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Matlab

## TRAINING COURSES AND CERTIFICATIONS

: Basic operation training for (Siemens) gas turbine v.94.3A and its auxiliaries using Simulation under the direction of Middle Delta Electricity Production Company.  
: Training course in (How to combat and deal with the threat of fire) under the direction of the civil defence department of Egyptian Ministry of Interior.  
: Training course in (Performance Indicators for power plants) under the direction of Middle Delta Electricity Production Company.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2010 till now  
**Employer** : Middle Delta Electricity Production Co. (MDEPC)  
**Project** : New Talkha Combined Cycle Power Station (750MW)

- Job Description** :
- Assistant Shift Charge Engineer (from Jun. 2016 till now).
  - Field and Control Room Operation Engineer for (SIEMENS) gas turbine V94.3A (2x250MW) and its auxiliaries.
  - Field and Control Room Operation Engineer for two vertical HRSGs from CMI Company and its auxiliaries from SKODA PRAHA Company.
  - Field and Control Room Engineer for (Alstom) Steam turbine (DKYZZ3-2N41C) and its auxiliaries.
  - Responsible for operation, start-up and shut down for (Siemens) gas turbine and its auxiliaries and kept it in normal operation.
  - Making low and medium voltage manoeuvres for isolating main transformers and return their condition again.
  - Synchronizing process for (Siemens) gas turbine generator and (ALSTOM) steam turbine generator with the unified grid of Egyptian Arabic Republic.
  - Responsible for operation of (CMI HRSG )equipment and all its auxiliaries, making HRSG (hot, cold) start-up and shut down and kept it in normal operation.
  - Responsible for rolling up and unloading of steam turbine.
  - Performance monitoring for Gas turbine, HRSG and STG, maintaining the require parameters for smooth and efficient operation, fault analysis and handle emergency situation of desk operation confidently and continuously.
  - Taking a plant tour regularly and inspecting if all machinery functioning smoothly and attending to all the problems encountered.
  - Troubleshooting operational problems which could affect safety, reliability, and efficiency, Provide input into solutions and initiate maintenance request.
  - Reporting all defects in the plant to the Maintenance Department through the Computerized Maintenance Management System (CMMS), issuing Work Permits and administering the plant Lock out / Tag Out and safe work permitting to ensure tasks are completed safely and documented correctly.
  - Responding to all station emergencies, like fire, Loss of Generation, blackout and any other unplanned incidents.
  - Taking necessary actions to isolate Mechanical and Electrical equipment in the incidence of fire.
  - Training the inexperienced engineers and technicians.
  - Instructing and communicating with the next shift supervisor about the completed work, pending work, load changes and equipment parts changes.
  - Maintaining an accurate daily log of power plant operation, activities, and events.
  - Supervising the work of control room operators, technicians and power plant employees assigned to the shift.
  - Involved as Operator in two major inspection and maintenance activities for (Siemens) gas turbine and one minor inspection and maintenance activity for (Alstom) steam turbine and (CMI) HRSG.