

**100760-MEC-OS-E-2008**  
**Operation & Commissioning Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 2 years experience working in power plant operation, start-up and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/06/1985  
Marital Status : Single

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2008

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 2D

## TRAINING COURSES AND CERTIFICATIONS

- : General Electric Company (GE):
  - Gas Turbine-Generator Operation Training "MS6001FA".
  - Gas Turbine-Generator Maintenance Training "MS6001FA".
  - Gas Turbine-Generator "Mark VI" Control System Training.
  - Generator Excitation, Static Frequency control and Generator Protection Training.
- : Siemens Industrial Turbo Machinery:
  - Steam Turbine "SST-900" Basic Training.
- : IBERDROLA INGENIERÍA Y CONSTRUCCIÓN, S.A.U. (Spain):
  - General Concept of a Combined Cycle.
  - Power Plant Mechanical systems (18 systems).
- : NEM Steam Generation "HRSG":
  - HRSG, HTFs and Feed Water System.
- : Torishima Pumps (Japan):
  - Circulating Pump.
  - Condensate Pump.
  - Feed water Pump.

- : Under graduation practical trainings:
  - AutoCAD 2D, Cairo University, 2 weeks.
  - Training at Badr El Din Petroleum Company (PAPETCO), Western Desert, in all the workshops available on the site (2 weeks).
  - PLC principles, Electro Hydraulic Automation, 12 hours.
  - Maintenance of automotives, Gabor Company, 2 weeks.

## **CHRONOLOGICAL EXPERIENCE RECORD**

- Dates** : From Jan. 2009 till now
- Project** : El-Kureimat Combined Cycle Power Plant (ISCC) 140MW
- Job title** : Operation, Commissioning & Start-up Engineer
- Job Description** :
  - Participate in the plant commissioning process.
  - Perform start-up, operation (Mark VI) and commissioning process for the Gas Turbine (6FA) GE (70MW).
  - Perform start-up, operation and commissioning process for Heat Recovery Steam Generator (HRSG).
  - Perform start-up, operation and commissioning process for the Steam Turbine SIEMENS "SST-900" (60MW).
  - Perform start-up and the operation for the plant.
  - Operator for (cold, warm and hot) start-up, unit's load increasing and decreasing, normal operation and shut down; using Mark VI (GT), PCS7 (ST) and DCS (all other equipments).
  - Perform the reliability test for the combined cycle.
  - Follow up, supervision and receiving for erections of the mechanical equipments such as steam turbine (SIEMENS), 6FA gas turbine (GE) & Generator, HRSG (NEM), pumps, etc. at the site.