

**105666-ELE-1OS-E-2009**  
**Control Room Operator & Shift Operator**

Holds a B. Sc. in Communication & Electronics Engineering and has over 8 years hands-on experience working in operation, commissioning and start-up at Giza North Power Plant.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/06/1987  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## EDUCATION

: B. Sc. in Communication & Electronics Engineering, Academy of Aviation Engineering and Technology – Cairo University, 2009

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Mark IVe system (specialized for GE Company)  
: DCS system (specialized for Yokogawa Company)  
: Matlab

## TRAINING COURSES AND CERTIFICATIONS

: English course in Menoufia University (2008).  
: Training of CNE cables network (Jul./Aug. 2007).  
: GE Energy Trainings (onshore & offshore):

- Operation training (Feb./Mar. 2013) (onshore).
- Operation training (May/Jun. 2013) (offshore).

: Basic Business Skills Acquisition (BBSA), Cairo, Egypt, Sponsored by the Future Generation Foundation (FGF) Training (Trainee) (from Sep. 2009 till Jan. 2010):

- Developed Language and Computer Skills.
- Enhanced Presentation & Project Development Skills.
- Acquired Basic Business Skills including: Marketing, Sales, Banking, Accounting, office management Business Correspondence and Report Writing.

- : Bechtel course in Shoubra El-Kheima Power Station for four months (2011).
- : I travelled to France and got a course in Gas turbine frame 9FA for a month.
- : Course in Gas turbine frame 9FA in Egypt.
- : Course in Cairo West Power Station on control and safety.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2010 till now
- Project** : Giza North Power Plant
- Job title** : Control Room Operator & Shift Operator  
(Start-up & Commissioning Engineer)
- Job Description** :
- Responsible for the safe operation of 3x750MW combined power plant including:
    - 6x250MW GE MS-9FA Gas Turbine controlled by Mark VIe Combined with 6 Heat Recovery Steam Generators.
    - 3x250MW ANSALDO steam turbines.
    - GIS 500KV, GIS 220KV.
    - Understand and respond accordingly various alarm and process conditions.
    - 6.3KV switchgear 400 V switchgear for low Voltage Equipment.
    - Read meters and gauges or automatic recording devices at specified intervals to verify operating.
    - Read and understand technical manuals and system piping and instrumentation diagrams.
    - Read, understand, and ensure compliance with all plant safety and regulatory procedures.
    - 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.
    - Reporting to Shift Engineer for all malfunctions of equipment, instrumentation, and modification of process parameter.
    - Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals.
  - Supervising gas turbine testing including (First Fire - Unloading test - load rejection test - Island test).
  - Supervising steam turbine testing (ANSALDO).
  - Supervising HRSG testing (STF).
  - Performance tests required to start the power plant and auxiliary equipment.
  - Reviewing the mechanical and electrical installation.
  - Oil, air and water piping flushing.
  - Balance of Plant commissioning: Reviewing Site test procedures for air compressors, Closed Cooling Water pumps, Service Water pumps and Gas Turbine and steam turbine, lube and hydraulic pumps test.
  - Electrical Motors heat run.
  - Supervising circuit breaker tests - power transformer tests - current and voltage transformer tests - lightning arrestor tests.
  - Service and Instrument Air Compressors.

- I worked in Cairo North Power Station that is participial two modules (2x750MW). One module have two gas turbines (MITSUBISHI) with two HRSG (heat recovery steam generators) (NEM) and one steam turbine (ALSTOM), another module have two gas turbines (GE) with two HRSG (heat recovery steam generators) (NEM) and one steam turbine (ALSTOM).
- I attended major overhauls at Cairo North Power Station and Giza North Power Station (GE gas turbine, MHI gas turbine, ALSTOM steam turbine and inspection in Ansaldo steam turbine).
- Sep. 2011: I worked at Cairo North Power Station for two years and attended many trouble shootings in the station and participated in solving them.
- Jun. 2011: I worked in 6 October Power Station and attended the installation, commissioning and start-up of the project from the beginning until the operating.
- I worked in Giza North Power Station from the beginning of construction until now.
- I participated in solving several trips in Giza North Power Station and Cairo North Power Station.

Technical Skills:

- Good knowledge in Advanced PLC 1 and PLC 2.
- Good knowledge in GPS.
- Good knowledge in Radar.
- Good knowledge in Mobile package.
- Good knowledge in GSM.