

Holds a B. Sc. in Electronics & Communication Engineering and has about 7 years hands-on experience working in I&C, electrical operation, commissioning and start-up.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 12/07/1988  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## **EDUCATION**

: B. Sc. in Electronics & Communication Engineering, Thebes Higher Institution for Engineering, Cairo, 2010

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: On-shore training by Ansaldo on steam turbine at Giza North Power Plant.  
: Off-shore training at Germany at KSP factory on HP/IP, LP feed water pumps, condensate pumps and circulate pumps.  
: General training on Combined Cycle Power Plants at Cairo North Power Plant.  
: General training on Steam Power Plants at Shoubra El-Kheima Power Plant.  
: General training on boiler systems at Cairo West Power Plant.  
: Off-shore Training at Germany on Water treatment by Metito Company.  
: Off-shore Training at Germany on gas and chlorine systems by Jesco Company.  
: Off-shore Training at Italy on actuators and pneumatic control valves.  
: Off-shore Training at Italy on motorized valves and injection pumps by OPL Company.  
: Site training on Steam turbines by Ansaldo Company.

- : Site training on water treatment by Metito Company.
- : Site training on HRSG by STF Company.
- : PLC training and all field instruments & control by Metito.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2017 till now
- Project** : Giza North Power Plant
- Job Description** : Operation Engineer for:
- Gas Turbines.
  - Steam Turbines.
  - HRSGs.
  - BOPs.
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- Dates** : From Oct. 2010 till May 2017
- Employer** : Cairo Electricity Power Production Company
- Job Description** :
- From 2012 till May 2017:
    - Working at Giza North Power Plant (produce 2250MW, consists of Three modules combined cycle 3x750MW):
      - As a Project Engineer and I&C Engineer as an owner at CEPC.
      - As a Site Engineer.
      - As Quality Control Engineer.
      - As I&C Engineer.
      - As Supervisor Engineer at site during installation, start-up and commissioning for STF HRSGs.
      - As Owner:
        - Reviewing Contracts Technical specifications, Purchase Orders and MRRs.
        - Reviewing materials receiving, installation, commissioning and start-up for GE gas turbines, Ansaldo steam turbines, HRSGs, DCS, BOP and electrical installations for other contracts.
        - Working as Operator for Gas Turbines, Steam Turbines and HRSGs during commissioning and start-up.
      - Commissioning & start-up of:
        - 6 units of GE gas turbines with control system Mark VIE.
        - 3 units of Ansaldo steam turbines with ABB control system.
        - 6 units of STF Heat Recovery Steam generators HRSG.
        - Yokogawa distributed control systems DCS for the three modules CENTUM VP.
        - Balance of Plant.
      - Working on GE Turbines during the Gas turbines combustion inspection.
      - Working as an Operator on Ansaldo steam turbines at Giza North Power Plant.
      - Commissioning and start-up for STF Heat Recovery Steam generators during steam blow.
    - From Oct. 2010 till 2012:
      - Working at Cairo North Power Plant as I&C Engineer.
      - Working at Cairo West Power Plant on steam turbines by Mitsubishi.

Skills:

- Good command of quality control processes.
- Zeland IE-3D v.12 software (RF design and simulation program).
- Visual Basic studio.
- Java program.
- Software Developer on Centum VP logic and graphics implementation.

- Field of experience :**
- Operation & Maintenance on steam turbines, Bop, HRSGs and Auxiliaries.
  - ALL field instruments (Thermocouples, Vibration, Flow, Pressure and Level transmitters, all Servo valves and pneumatic actuators) Calibration & Installations & commissioning & loop check with control system.
  - Review all submittals from the contractors and the subcontractors.
  - Monitor daily installation progress and check all activities at site according to engineering drawings.
  - Check all received materials at site to ensure their correct manufacture, model and type.
  - Prepare and keep the documentation of the daily progress report.
  - Calibration of all field instruments at lab before installation for example:
    - Field transmitters (Siemens, ABB, Rosemount, ...etc.).
    - Temperature sensors (thermocouples and RTDs) calibration check.
    - Vibration monitor systems (Bentley Nevada 3500).
    - Actuators (electrical (auma), pneumatic (Valve)).