

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience, including 9 years working in operation and start-up at Damanhour Power Plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 28/04/1985  
Gender : Male  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD 2D & 3D

## **TRAINING COURSES AND CERTIFICATIONS**

: Training course on Operating of Combined Cycle Power Station (Gas Turbine & Steam Turbine).  
: Training on the Maneuvers and common network operating instructions.  
: Training course from ABB on DCS (800-XA) workplace introduction and operation.  
: Civil defense role.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Dec. 2008 till now  
**Employer** : WDEPC  
**Project** : Damanhour Power Plant:

- 4 units of HITACHI Gas Turbine
- 4 units of NEM Heat Recovery Steam Generator
- 1 General Electric Steam Turbine
- Plant Auxiliaries (B.O.P.)

- DCS Bailey infi 90 Control system for HRSG
  - DCS 800-XA for Gas Turbine
  - MK II Control system
  - MK V Control system
- Job titles** :
- Shift Operator Engineer (5 ½ years)
  - Operator Engineer for all plant (2 years)
  - Local Engineer (gas turbine & boiler & chemical department) (1 year)
- Job Description** :
- DCS operation: Bailey infi 90 (harmony symphony), 800XA, general electric and mark V.
  - Operation plant in different circumstances:
    - Start-up and shut down.
    - Normal operation, up normal operation and critical circumstances.
  - Controlling & monitoring for plant equipment & utilities such as:
    - Water treatment plant.
    - Turbines, generators, boilers.
    - Switch gear, relay rooms, high voltage (220KV) switch yard, main & auxiliary transformers.
    - Fuel treatment, fuel tank and fire fighting system.
    - Securing maintenance work and follow up maintenance works as mentioned in work permits.
- Employer** : Wadi Feed Manufacturing
- Job title** : Maintenance Engineer
- Employer** : Zafarana Contracting Company Plant Water
- Job Description** :
- Time to time checking the machine.
  - Determining the critical inspection points.
  - Solving the breakdown maintenance as soon as earlier.
  - Preparing the maintenance schedule and reports.
- Field of experience** :
- Analysis of all Necessary Information about Local Sites.
  - Wide knowledge of Operation of combined steam cycle.
  - Follow and deal with Alarms in Central Control Room.
  - Perform Necessary Measures and Checks out before Equipments Start-up.
  - Analyze Equipment Efficiency and performance.
  - Start-up and Shut down of the Units.
  - Operate the units even in case of abnormal operation.
  - Collect and analyze periodical data.
  - Operate units' auxiliaries (Feed systems, Air Compressors, Cooling Systems, Circulating Water Systems, Condensate Systems, Boiler systems, Turbine Systems, Fuel system, Generator Systems, Electrical Systems and all related Utilities).
  - Plant Auxiliaries (B.O.P.): Module Auxiliaries (Main Cooling pumps, Closed Cooling Water Pumps, Circulating Water Pumps, Condensate Water Pumps, High Pressure HP Boiler Feed Water Pumps, Low Pressure LP Boiler Feed Water Pumps, Instrument Air Compressors, Service Air Compressors, Condensate Pumps, Condensate cooling Pumps and other Auxiliaries).