

Holds a B. Sc. in Electrical Power & Machines Engineering and a Diploma in Automatic Control. Has over 11 years hands-on experience, including 8 years working in operation, commissioning & start-up of several Power Plants and 3 years in electrical construction.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 25/11/1975  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2000  
: Diploma in Automatic Control, Cairo University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Power Point), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: 4 weeks training course in Belgium by CMI & Skoda companies on heat recovery steam generation (HRSG), capacity 340 t/h for Talkha Combined Cycle Power Plant, capacity 750MW.  
: 4 weeks training course in Abu Sultan Power Station on operating steam turbine electrical power station, type GE, capacity 4x150MW.  
: 1 week training course in Talkha Power Station on operating steam turbine electrical power station, type Alstom, capacity 1x250MW.  
: 1 week training course in Talkha Power Station on OVATION DCS by Emerson Company.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jul. 2011 till now  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Talkha Power Plant

- Job title** : Electrical Protection Engineer
- Job Description** :
  - Erection power transformer 340MVA.
  - Doing all tests for protection devices.
  - Install new generator 313MVA.
- Dates** : From Jan. 2010 till Nov. 2010
- Employer** : STF
- Project** : Nubaria III Combined Cycle Power Plant, STF horizontal (HRSG), capacity 750MW, 340 t/h, controlled by DCS YOKOJAWA
- Job title** : Commissioning & Start-up Engineer for HRSG
- Job Description** : As Operator (field & DCS):
  - First start-up for HP & LP feed water pumps.
  - First fire for HRSG.
  - Steam blow.
  - Start-up and shut down HRSG.
  - Assist in tuning control valve.
  - Reliability test.
  - Performance test.
  - Review the Piping and Instrumentation Diagrams & Engineering documents.
- Dates** : From Jun. 2009 till Sep. 2009
- Project** : El-Kureimat II Combined Cycle Power Plant
- Job Description** : Execute reliability test for CMI & SKODA (HRSG), 340 t/h, capacity 750MW, controlled by DCS EMERSON.
- Dates** : From Oct. 2006 till Jun. 2009
- Employer** : Middle Delta Electricity Production Company
- Project** : Talkha Power Station  
(gas turbine, capacity: 2x250MW, type: SIEMENS, Model: V94.3A, controlled by DCS SIEMENS)
- Job titles** :
  - Operation Engineer of gas turbine electrical power plant (capacity: 2x250MW, Type: SIEMENS, Model: V94.3A, controlled by DCS, Type: SIEMENS).
  - Shift Supervisor Engineer of gas turbine electrical power plant (capacity: 2x250MW, Type: SIEMENS, Model: V94.3A, controlled by DCS, Type: SIEMENS).
- Job Description** :
  - Monitor plant performance to ensure safe & smooth day-to-day operation.
  - Responsible for regular inspection of equipments (pumps, compressors, turbine bearing, Boiler lines).
  - Adjustment values and take analyzing log reading (temperature, pressure, levels, motor current) & report any anomalies noticed.
  - Responsible for starting and shut down the boiler and turbine from cold and hot state, connecting and disconnecting all high voltage feeders.
  - Make consignment for any electrical equipment for maintenance.
  - Coordinate with other departments in long time services to ensure that the maintenance objects achieved.

**Dates** : From Dec. 2003 till Oct. 2006  
**Employer** : East Delta Electricity Production Company  
**Project** : Abu Sultan Steam Turbine Power Plant  
(capacity 4x150MW, type GE, controlled by DCS Honeywell)  
**Job title** : Operation Engineer (field & control room)  
**Job Description** :

- Monitor plant performance to ensure safe & smooth day-to-day operation.
- Responsible for regular inspection of equipments (pumps, compressors, turbine bearing, Boiler lines).
- Adjustment values and take analyzing log reading (temperature, pressure, levels, motor current) & report any anomalies noticed.
- Responsible for starting and shut down the boiler and turbine from cold and hot state, connecting and disconnecting all high voltage feeders.
- Make consignment for any electrical equipment for maintenance.
- Coordinate with other departments in long time services to ensure that the maintenance objects achieved.

**Dates** : From Dec. 2000 till Dec. 2003  
**Job Description** : Electrical Construction:

- Building & installation:
  - LV distribution panel.
  - Power factor correction panel.
  - Control panel using process controller & DDC.
- Installation & start-up (AC drives and softstarter).
- Installation & start-up measuring devices, like flow meters, temperature controller.