

Holds a B. Sc. and a Diploma in Mechanical Power Engineering and has about 7 years hands-on experience, including 5 years working in operation, commissioning and start-up at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 19/09/1988  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Cairo University, 2010  
: Diploma in Mechanical Power Engineering, Helwan University  
: Studying for Master's degree

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 2D  
: HAP 4.3  
: CorelDraw Graphics Suite X4

## **TRAINING COURSES AND CERTIFICATIONS**

: Operation training for New Talkha 750MW Combined Cycle Power Station.  
: Security Awareness, Occupational Safety and Health, Administrative and legal affairs, managerial and leadership Skills and First-aid training.  
: Operation and maintenance for New Talkha 750MW Combined Cycle Power Station.  
: Electrical transformers Installation and maintenance (MPIS).  
: Operation and maintenance for Talkha 2x210MW Steam Power Station.  
: Operation and maintenance for New Talkha 300MW Combined Cycle Power Station.  
: Operation and maintenance for Transformer station GIS.  
: Communication and leadership Skills.

- : Ansaldo Gas Turbine AE94.2 (4x150MW) Basics.
- : Operation training for Cairo Electricity Production Company, 6th October Power Plant.
- : Summer trainings at:
  - Research Center (solar energy) (2008).
  - Arab Contractors (2007).
- : Studied Decision making and problem solving techniques.
- : Pipe lines course in 4th year in the Faculty.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2014 till now
- Employer** : Cairo Electricity Production Co.
- Project** : 6th October Power Plant (Ansaldo Gas Turbine AE94.2 (4x150MW))
- Job title** : Operation Engineer
- Job Description** :
- Commissioning, start-up and operation on Ansaldo Gas Turbine AE 94.2 (4x150MW).
  - Instrument and Service air Compressors and Air Dryer.
  - Closed Cooling Cycle Water System using Fin fan Cooler.
  - Mechanical And Electrical equipment Isolation, Earthing, Lock out, Rack out.
  - Lube Oil System Flushing and Start-up.
  - Hydraulic oil System Flushing and Start-up, Natural Gas System lines Hydro Test.
  - Flushing & start-up, Hydro Test & Flushing for Firefighting Water System and CO2 System.
  - Fire Fighting Water System Jockey Pump.
  - 6KV Electrical Pump and Diesel Pump and Deluge Valves.
  - Fire Fighting CO2 System.
  - Air Intake System.
  - Lifting Pump & Turning Gear.
  - First Firing with Natural Gas, Water Wash of G.T. Compressor Cleaning System.
  - Operate the System of Plant from DCS using ABB Symphony S+ Operations V1.0.
  - High voltage 220KV GIS system & Medium Voltage Switchgear 6.3KV & Low Voltage.
  - 400V Switching, Isolation, Earthing, Lock out, Rack out.

- Dates** : From Jul. 2015 till Sep. 2015
- Employer** : Ansaldo Energia Spa
- Project** : 6th October Power Plant, 2nd phase project (Ansaldo Gas Turbine AE94.2 (4x150MW))
- Job title** : Operation Engineer

- Dates** : From Aug. 2012 till Aug. 2014
- Employer** : Middle Delta Electricity Production Co.

**Project** : New Talkha 750MW Combined Cycle Power Station (2x250MW (Siemens SGT5-4000F) GT, Two HRSG (CMI), 250MW (Alstom) ST)

**Job title** : Operation Engineer

**Dates** : From Nov. 2011 till Aug. 2012

**Employer** : Cairotan

**Job title** : Operation & Maintenance Engineer

**Job Description** : 

- Operation and maintenance of hydraulic machines and compressors.
- Gained high experience in using CorelDraw in designing shoes patterns.

**Dates** : From 2010 till now

**Job Description** : Sales, maintenance and repairing cars as a free business.