

Holds a B. Sc. in Mechanical Power Engineering and has about 15 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 15/09/1976  
Gender : Male  
Marital Status : Married  
Residence : 6<sup>th</sup> October City, Giza, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Benha Higher Institute of Technology, 2001

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
German : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: SAP  
: Simply 3D

## **TRAINING COURSES AND CERTIFICATIONS**

: Training Course for Siemens PLC-Step 7 (Jun. 2011).  
: Training Course for Mark VIe DCS (May 2007).  
: Job-site Training Course & Classroom Training for Plant Operation of 260MW Hitachi Steam Turbine Generator and Condenser at Cairo North Power Project (Jan. 2006).  
: Training Course for HRSG Operation & Maintenance (NEM Co.), NETHERLANDS (Nov. 2004).  
: Job-site Classroom Training for Mitsubishi 701F Gas Turbine Unit (Nov. 2003).  
: Shoubra El-Kheima Power Plant Basic & Site Specifications, constituting a program of concentrated study of power plant equipments and system theory and applications (from Dec. 2002 till Apr. 2003).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Aug. 2012 till now  
**Employer** : Jubil O & M Limited (JOML)  
**Project** : Jubil Water & Power Plant (JWAPP), (12x150MW) (GE 7FA) Gas Turbine (Mark VI) + (3x250MW) Steam Turbine + (1x350MW) (GE D11) Steam Turbine + (12) HRSGs (Doosan) (As a Combined Cycle Units 2900MW), controlled by: Mark VIe DCS)  
**Job title** : Operation Engineer

**Dates** : From Jan. 2012 till Jul. 2012  
**Employer** : Ansaldo Energia  
**Project** : 6th October Simple Cycle Power Plant 600MW (commissioning, start-up and normal operation), (4x150MW) (Ansaldo AE 94.2) Gas Turbine (As a Simple Cycle Units 600MW, controlled by: ABB Symphony PGP DCS)  
**Job title** : Senior Commissioning & Start-up Engineer

**Dates** : From Jun. 2010 till Dec. 2011  
**Employer** : Power Generation Engineering and Services Company (PGESCO), BECHTEL Partnership  
**Project** : El-Tebbin Power Plant 700MW  
**Job title** : Commissioning & Start-up Engineer  
**Job Description** : Commissioning, start-up and normal operation (2x350MW) Alstom Steam Units + 2 Boilers (Ansaldo), controlled by ABB DCS.

**Dates** : From Dec. 2009 till Apr. 2010  
**Employer** : Power Generation Engineering and Services Company (PGESCO), BECHTEL Partnership  
**Project** : Talkha New Project 750MW  
**Job title** : Commissioning & Start-up Engineer  
**Job Description** : Commissioning, start-up & normal operation (2x250MW) Siemens V94.3 A2 Gas Turbine + 1x250MW (Alstom) Steam Turbine + 2 HRSGs (CMI), as a Combined Cycle Unit 750MW, controlled by Emerson DCS.

**Dates** : From Jul. 2007 till Aug. 2009  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : Cairo North Power Station (Module II)  
**Job title** : Shift Charge Engineer  
**Job Description** : Commissioning, start-up and normal operation (2x250MW) GE 9FA Gas Turbine + 1x250MW (Alstom) Steam Turbine + 2 HRSGs (NEM), as a Combined Cycle Unit 750MW, controlled by Mark VIe DCS.

**Dates** : From Dec. 2003 till Jun. 2007  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : Cairo North Power Station (Module I)  
**Job title** : Operation Engineer / Shift Charge Engineer (from Apr. 2005)

**Job Description** : Commissioning, start-up and normal operation (2x250MW) Mitsubishi 701F Gas Turbine + 1x250MW (Hitachi) 2 HRSGs (NEM), as a Combined Cycle Unit 750MW, controlled by Foxboro DCS.

**Dates** : From May 2003 till Nov. 2003

**Employer** : Cairo Electricity Production Company (CEPC)

**Project** : Cairo South Power Station (Unit 4)

**Job title** : Operation Engineer

**Job Description** : 1x115MW GE 9001E Gas Turbine + 1x60MW GE Steam Turbine + 1 HRSG (NEM), as a Combined Cycle Unit 175MW, controlled by WDF DCS.

**Dates** : From Nov. 2002 till Apr. 2003

**Employer** : Cairo Electricity Production Company (CEPC)

**Project** : Shoubra El-Kheima Power Station (4x315MW Westinghouse Steam Units)

**Job title** : Operation Engineer

- Field of experience** :
- As Operation Engineer:
    - Adjust controls to generate specified electrical power according to the Dispatch demand.
    - Control power generating equipment, including boilers, turbines and generators.
    - Control or maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters...etc.
    - Monitor power plant equipment and indicators to detect evidence of operating problems.
    - Take regulatory action, based on readings from charts, meters and gauges, at established intervals.
    - Start or stop generators, auxiliary pumping equipment, turbines, or other power plant equipment as necessary.
    - Inspect records or log book entries or communicate with plant personnel to assess equipment operating status.
    - Undertake safe work procedures to isolate plant machinery and equipment for maintenance and repair.
    - Respond to emergencies such as fire and environmental hazards.
  - As Start-up and Commissioning Engineer:
    - Directly reporting to Commissioning Manager for the start-up and commissioning of balance of plant equipments and other auxiliaries.
    - Follow project activities and compare with Project Schedule.
    - In-charge of the DCS system at the Central Control Room and coordinate with Mechanical, Electrical and I&C personnel and vendors for the commissioning, operation and simulation tests of units and equipments.
    - Make local inspection of installed equipments as well as instruments and counter checking it in the P&ID for proper installation based on the plans and documents of the vendor of the equipments.