

Holds a B. Sc. in Mechanical Engineering and has over 15 years hands-on experience including 9 years working as Operation Engineer at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 18/02/1977  
Gender : Male  
Marital Status : Married  
Residence : Beni Suef

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Cairo University, 2001

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Sep. 2013 till Sep. 2017  
**Employer** : Saudi Electricity Company  
**Project** : GHAZLAN 2 Thermal Power Plant (4x664MW), KSA  
**Job title** : Operation Engineer (Control Room Operator)

**Dates** : From Feb. 2008 till Sep. 2013  
**Project** : El-Kureimat Thermal Power Plant (2x627MW), Egypt  
**Job title** : Operation Engineer

**Dates** : From May 2002 till Jan. 2008  
**Employer** : Housing and Utilities, Beni Suef - Egypt  
**Job title** : Mechanical Engineer

**Field of experience** : • Effectively operate the power generation unit from the control room at start-up, normal, shut down and up normal operation condition, including:

- Operation for boiler Babcock & Mitsubishi, capacity 2100 t/h, natural and forced circulation, and the steam turbine (GE, 627MW, Mitsubishi 664MW).
- Working at 13.8KV and 6.3KV switch gear.
- Operation of Natural Gas heavy fuel and light Arabian fuel oil power plants and GE T/G.
- GE T/G with Mark V Control.
- Westinghouse WDPF II (DCS).
- HP/LP By Pass System.
- Operation of 380 and 500KV switch yard (GIS).
- Start-up and shutdown the unit in safe operation for the units (MSF capacity 2100t/h for each unit).
- Operation tasks:
  - Start-up and shut-down procedures for thermal power plant.
  - Turbine operation (Toshiba, GE) and its auxiliary systems.
  - Boiler operation and its auxiliary systems.
  - Boiler start-up and shut-down procedures (gas and oil firing).
  - Boiler hot banking, natural cooling and forced cooling.
  - Operation (CWP, CEP, FWP, ....).
  - Emergency operation (black out, load rejection, run back).
  - Changing-over for all mechanical equipment locally and from control room.
  - Good dealing with hydrogen production plant.
  - Good command with control systems, control stations and monitors.
  - Good command with DCS.
  - Good dealing for power plant safety requirements.
  - Good working knowledge of firefighting system.
  - Making connection and disconnection for electrical distribution system.
  - Good dealing with the operation of electrical diesel generators.