

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience, including 12 years working as Operation / Shift Charge Engineer at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/06/1981  
Gender : Male  
Marital Status : Married  
Residence : Currently Kuwait

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2004

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Operation of thermal power plants.  
: Commissioning and performance of thermal power plants.  
: Advanced American language course.  
: ICDL  
: Summer training at Thermal Power Station (Damanhour) (2001).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Oct. 2017 till now  
**Project** : AZ-ZOUR South Power and Water Distillation Station (8x300MW + 16 Distillation x 7.2 M.I.G)  
**Job title** : Operation Engineer  
**Job Description** :

- Excellent working experience in starting and shutdown (boiler, turbine, and its auxiliaries) from cold and hot state, abnormal and accident condition.
- Operating and isolation of pumps, turbine and boiler.

- Prepare Permits as well as isolation & normalization of any equipment enabling the maintenance to carry out their work.
- Preparation of daily power generation & water production report and fax it to NCC.

**Dates** : From Apr. 2007 till Oct. 2017

**Project** : Damanhour Thermal Power Station (320MW)

**Job titles** : • Shift Charge Engineer (from Nov. 2011 till Oct. 2017)  
• Operation Engineer (from Apr. 2007 till Nov. 2011)

**Job Description** : • Field Systems:

- Boiler: BABCOCK WILCOX natural circulation boiler (1050 ton/h – 165 bar – 540 °C).
- Turbine: ANSALDO turbine 325MW.
- Generator: Rating power 422 KVA, Armature voltage 22 K, Armature current 11073 A, Frequency 50 H, Power factor, 0.8 Operating speed 3000 RPM, Winding connection Y, Field voltage static excitation, Cooling by Hydrogen – Stator cooling water system.

- Cold start-up, hot start-up and shut down to the unit.
- Protection of all equipments at emergency cases.
- Plant operation (monitoring and supervising of all equipments to ensure good operation according to system specifications and economical measures).
- Preparation of shift reports.

**Dates** : From May 2013 till Jun. 2013

**Employer** : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor

**Project** : Abu Qir Thermal Power Plant 2x650MW

**Job title** : Shift Charge Engineer

**Job Description** : • Carry out all commissioning activities as per ANSALDO CALDAIE manufacture recommendation.

- Perform the chemical cleaning according procedures for the boiler.
- Perform the steam blow-out activities for HP steam, HRH & CRH steam, and LP steam lines.
- Lock out Tag out responsible Engineer.
- Assist thermal power plant Commissioning & start up staff on daily basis to achieve the optimum operation conditions for the boiler.
- Boiler including:
  - ANSALDO CALDAIE RADIANT BOX BOILER (574.3 KG/S – 183.3 bar – 545 C).
  - Hot Reheat (481 KG/S - 41.1 BAR – 565 C).
  - Type of Fuel: Fuel Oil – N.G.
  - Number of Burners: 30 Burners (Front –Rear Wall).
  - Two F.D. Fans for each Boiler with Total Flow 2 x 296.8 KG/S.
  - Two G.R. Fans for each Boiler with Total Flow 2 x 29.7 KG/S.
  - Two R.A. Heaters.
  - Two S.C.A. Heaters.
  - THREE FLAME SCANNERS FANS.

**Dates** : From Jul. 2005 till Apr. 2007  
**Employer** : VOLVO Construction Equipment Dealer (Ghabbour Misr)  
**Job title** : Field Service Engineer