

Holds a B. Sc. in Communications & Electronics Engineering and has more than 14 years' experience working in operation, commissioning and start-up at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 02/06/1985  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## **EDUCATION**

: B. Sc. in Communications & Electronics Engineering, Shorouk University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: Summer trainings at:

- El-Kureimat Steam Power Station (2003).
- Toshiba (2004).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Apr. 2019 till now  
**Employer** : Cairo Electricity Production Co.  
**Project** : 6th October Power Plant (Ansaldo Combined Cycle (4+1) - Ansaldo Gas Turbine AE94.2 (4x150MW) - 4 HRSG AC Boiler - Steam Turbine Ansaldo Energia 315MW)  
**Job title** : Operation Manager  
**Job Description** :

- In accordance with the instructions given by the Plant Manager or any other delegated manager, lead the safe, efficient auctioning of all operational functions including start and stop of the turbine, boiler, pumps and other auxiliary equipment, synchronizing of generator,

operation of breakers from the CCR.

- Inform, co-ordinate & relay all pertinent information to the Plant Manager, ensuring production is in accordance with the terms of delivery issued by the Owner or the Electricity Purchaser.
- Optimize plant economic and environmental performance.
- Optimize the quantities of consumables such as chemicals, raw water and fuels.
- Check and report all significant events in the daily logbook.
- Record and send daily reports, communications and messages to all relevant correspondents, plant personnel and authorized parties.
- Complete required SHE responsibilities and reporting.
- Collect required production data in a timely & accurate manner.
- Complete &/or supervise planned and unplanned jobs, assigned to Operation's Staff.
- Complete assigned maintenance responsibilities including tasks competent to complete and reporting via the site maintenance management system.
- Monitor Shift Operator performance, conducting on-the-job training as found necessary.
- To achieve and maintain Senior Authorized Person Status completing associated responsibilities.
- Coordinate repairs of any mechanical deficiencies, outside of those completed by in house staff.
- Seek improvements in the following areas:
  - The performance of the Power Plant.
  - The rationalization of reports and procedures.
  - Job Descriptions and reporting in the Maintenance System.
  - Organizational enhancements in the Plant.
- Monitor performance against Staff Key Performance Indicators and address any identified shortfalls in performance.
- Any other ad hoc tasks which might occur or be assigned by the Plant Manager.

<b>Dates</b>	:	From Feb. 2018 till Apr. 2019
<b>Employer</b>	:	TECHINT Construction and Engineering
<b>Project</b>	:	South Helwan Supercritical boiler 3x650MW
<b>Job title</b>	:	Commissioning & Start-up Operator Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Support commissioning team during testing equipment.</li><li>• Unit preparation before start-up (cold, warm, hot).</li><li>• Secure mechanical engineer team maintenance work during unit online operation.</li><li>• Reporting unit and equipment condition to operation team leader.</li><li>• Periodically change over procedure.</li></ul>
<b>Dates</b>	:	From Nov. 2013 till Feb. 2018
<b>Employer</b>	:	Cairo Electricity Production Co.
<b>Project</b>	:	6th October Power Plant (Ansaldo Gas Turbine AE94.2 (4x150MW))
<b>Job title</b>	:	Shift Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Commissioning, start-up and operation on Ansaldo Gas Turbine AE 94.2 (4x150MW).</li></ul>

- 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 Jun. 2014 till Aug. 2014  
**Employer** : Ansaldo Energia Spa. Company  
**Project** : 6th October Power Plant - 2nd phase project  
 (Ansaldo Gas Turbine AE94.2 (4x150MW))  
**Job title** : Operation Engineer

**Dates** : From Dec. 2008 till Nov. 2013  
**Employer** : Upper Egypt Electricity Production Co.  
**Project** : El-Kureimat Steam Power Station  
 (2x627MW (GE) BABCOK boilers (2063 ton))  
**Job title** : Operation Engineer