

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 10 years hands-on experience working in operation, commissioning and start-up at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 06/02/1985  
Gender : Male  
Marital Status : Married  
Residence : Beni Suef

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Fayoum University, 2007

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Combined Cycle (El-Kureimat 750MW).
- : Ovation OV010 operator course (Emerson process management).
- : Heat recovery steam generator (HRSG) in CMI Company include:
  - HRSG water survey.
  - HRSG conservation.
  - HRSG heating release.
  - HRSG alarms.
  - HRSG tripe.
  - HRSG logics.
- : Update operation system to SPPA T – 3000, Power Siemens Academy – Karlsruhe, Germany (May/Jun. 2016):
  - System: Hardware & Software Architecture, redundancy and peripherals.
  - Engineering: Function Diagram, Plant display, Archive and Integrated engineering.
  - Basic Operation display navigation, Alarm Sequence Display and Trends.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2017 till now  
**Project** : South Helwan Thermal Power Station 3x650MW  
**Job title** : Commissioning Engineer

**Dates** : From 2014 till 2017  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : El-Kureimat II Power Station  
**Job title** : Shift Charge Engineer  
**Job Description** :

- Supervising and managing all operation technical and administrative duties.
- Coordinating Load demand requirement per dispatcher and the Grid frequency stability.
- Issuing the work permits to the authorized requesters.
- Supervising the start-up and shutdown programs for all system and equipment.
- Performing the rotating equipments changeover schedules on time.
- Co-ordination for the periodical preventive maintenance schedules.
- Perform on-job training programs to the plant operation staff and others.

**Dates** : From 2010 till 2014  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : El-Kureimat II Power Station  
**Job title** : Control Room Engineer  
**Job Description** : Operation and monitor the plant for its safe and efficient operation, including:

- Pre-start checks.
- Starting / running / shutting down.
- Checking on cool down cycles.
- These were done on several different types of Gas Turbine Engines, steam turbine engine and HRSG such as:
  - 2 Gas Turbines V94.3A, 250MW (SIEMENS), TELEPERM XP control System.
  - 1 Steam Turbine 250MW (HITACHI), MARK (VI) control system.
  - 2 Heat Recovery Steam Generation (CMI & SKODA – BELGIUM).
  - 1 Water Treatment Plant (Demi and Potable) and water intake.
  - The plant is controlled via EMERSON – WDPF DCS control system.

**Dates** : From 2008 till 2009  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : El-Kureimat II Power Station  
**Job title** : Commissioning & Start-up Engineer  
**Job Description** :

- Commissioning and Start-up Engineer of HRSG.
- HRSG Commissioning & Operation Engineer.
- BOP Commissioning & Operation Engineer.
- Preparation for steam blow Commissioning (Flushing for piping, Degreasing, Acid cleaning, Passivation).

- Make sure all the preconditions for commissioning of individual units and overall plant are granted.
- Make sure all the technical documents necessary for commissioning of different units are available with commissioning team.
- Be aware of commissioning schedule of the site and accordingly divide the work through comm. team and allocate needed resources such as manpower and tools.
- Make sure that all necessary tools and equipment for comm. are available with the team and calibration is already performed.
- Make sure all systems are completed and have ECC before taking over by comm. team and following up to remove the remaining open points through punch lists by installation team.
- Have a complete list of cold and hot loop checks and take them under control for daily/weekly/monthly progress.
- Good knowledge of interfaces between different units by which will provide a correct sequence of commissioning activities.
- Make sure that for all the commissioning works LOTO procedures are held and should fully get involved to PTW system.
- Close connection with HSE unit to make everybody aware of likely danger potentials of commissioning activities.
- Plan all individual units and overall plant are handed over to client after completion of commissioning, the respective operation manuals and documents handed over and necessary training courses are held for client operation team enabling them to run the plant.
- Supervise all acceptance tests of units.
- Report to site manager.