

Holds B. Sc. and M. Sc. in Mechanical Engineering and has about 12 years hands-on experience working in maintenance, operation, commissioning and start-up.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 25/12/1983  
Gender : Male  
Marital Status : Married  
Residence : Mahmoudia

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2005  
: M. Sc. in Mechanical Engineering, Alexandria University, 2017

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: Basic offshore Safety Induction and Emergency Training (BOSIET) in Emirates.  
: Operation of gas turbine, Mitsubishi Heavy Industrial, El-Atf site, Egypt.  
: Operation of steam turbine, Ansaldo Energia, El-Atf site, Egypt.  
: HRSG operation and maintenance.  
: HRSG controls and instrumentation.  
: HRSG water chemistry and safety, NEM – B.U. industrial & utility boilers, course in El-Atf site, Egypt.  
: Pumps training.  
: Diesel engines training.  
: Valves training.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2010 till now
- Employer** : Middle Delta Electricity Production Company
- Project** : El-Atf Power Station 750MW Combined Cycle
- Job title** : Operation Engineer
- Job Description** :
- OWNER Representative Mechanical Engineer, responsible for Commissioning, Start-up and operation of gas turbine Mitsubishi (2x250MW) (M701F).
  - For NEM HRSG boilers:
    - Perform the chemical cleaning according to procedures for condensate system & feed water system.
    - Perform the steam blow-out activities for HP steam, HRH & CRH steam, LP steam lines.
  - Commissioning, Start-up and operation for Steam turbine ANSALDO (250MW).
  - Perform the sequence test for the following systems (CP-117):
    - Condensate system & condensate pumps.
    - Feed water system (LP, HP/IP) & FWP's.
    - Circulating water system & CW pumps.
    - Service water system.
    - Closed cooling system.
    - Instrument and service air system.
    - Potable water system.
  - Record the commissioning data for all systems mentioned previously.
  - Report and advise the daily activities for all systems mentioned previously.
  - Also working as Owner Operation Engineer, responsible for:
    - Conducting all preparation steps of units in field to realize permissive for start-up from control room such as (filling line of water free of bubbles, all safety valves ready, coolers in service, all electrical power source ready position of motorized valves in auto mode and ready to work locally, all manual valves before and after control and motorized valves shall be open, etc.
    - Responsible of start-up, operation, remarking alarms of units from control room and solve operation problems.
    - Survey in field for more check and confirmation.

- Dates** : From 2007 till Jun. 2010
- Employer** : Weatherford Drilling Company for Oil Extraction
- Job Description** :
- Mechanical Engineer (working as Commissioning, Start-up and Maintenance Engineer of the mechanical systems).
  - Maintenance Engineer for:
    - Pumps.
    - Compressors.
    - Diesel Engines.
    - Cranes.
    - Heavy Duty Machines.
    - Valves.

- Hydraulic circuits.
- And responsible about unscrew and installation of the Drilling Site.

**Dates** : From 2006 till 2007

**Employer** : Byeti Company for fill milk and juice

**Job Description** : Maintenance Engineer for:

- Pumps.
- Compressors.
- Filling machines for milk and juice.
- Valves.
- Pneumatic circuits.
- Hydraulic circuits.

**Field of experience** :

- Excellent Mechanical skills and working to strict deadlines within technically demanding environments.
- Major projects of power plant have includes installation for gas turbine, boilers and related auxiliaries.
- All aspects of commissioning, start-up and operation for all Mechanical equipments to be according client contract specification, and manufacture requirement.
- Understanding of P&ID drawing And pipe line installation commissioning, Under & above Ground piping, pumps and valves.
- Technical ability in the field and in the office.
- Adaptable, with ability to have valuable input to many aspects of a project.