

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience working in operation, commissioning and start-up at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 27/10/1980  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2005

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Gas turbine operation on-shore training course for six weeks, 250MW (MS 9001 FA), Speed Tronic Mark VI (2009).
- : Gas turbine mechanical maint. on-shore training course for one week, 250MW (MS 9001 FA), Speed Tronic Mark VI (2009).
- : Gas turbine Mark VI on-shore training course for one week, 250MW (MS 9001 FA), Speed Tronic Mark VI (2009).
- : On-shore operation training by INTITEC Company in El-Kureimat Training Center (Balance of Plant) (2011).
- : On-shore operation training by ALSTOM Company in El-Kureimat Training Center (STEAM TURBINE & DCS) (2010).
- : On-shore operation training by CMI Company in El-Kureimat Training Center (HRSG) (2010).
- : Delta Steel Company (diesel petrol engine maintenance in vehicles workshop and HVAC, pipe line for all systems, gas line) (2004).
- : Operation and maintenance of travelling water screen and trash racks (TARNOS CO.) (2008).
- : Operation and maintenance for electrical elevators (UFTES CO.) (2008).
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2013 till now
- Employer** : ARABIAN BEMCO CO. LTD
- Project** : PP10 Project – KSA
- Job Description** :
- GE Gas turbine (7EA) & Steam turbine (1x128MW) Operation Engineer: Operation Engineer for steam turbine equipment (valves, lube oil pumps, hydraulic oil pumps, steam seal system, trip oil system, ...etc.), Process monitoring, fault analysis, alarm sequence display also Overview process control system (MARK VI) for steam turbine generator, make start-up & shutdown for steam turbine generator.
  - HRSG Operation Engineer for vertical boiler each Four Boiler for One Steam Turbine (1x128): Operation Engineer for NUM Heat Recovery Steam Generator HRSG equipment and auxiliaries (Hp feed water pumps, aux system, high & low energy system, CEP condensate pumps and closed cooling pump) and supervising on (chemical cleaning, steam blowing, ACC Cleaning, steam seal system, conservation, ...etc.), make HRSG start-up & shutdown and keep it in normal operation.
  - ARABIAN BEMCO CO. LTD - Construction of Qurayyat Power Plant (Saudi Electricity Company), Gas turbine operation, 2 turbines x 70MW ((MS7001F)E/AE) Speed Tronic MKVIe:
    - Following proceeding for system start-up and shut down for the gas turbine GE(MS 7001F)E/AE DLN duel fuel machine
    - Following Liquid Fuel system Flushing and air venting Procedure.
    - Water Wash System Procedure online and off line for (the compressor).
  - ARABIAN BEMCO CO. LTD (MT Enterprises Subcontractor) - Construction of block #6, Qurayyah Power Plant (Saudi Electricity Company), Gas turbine operation, 3 turbines x 150MW (7001FA) Speed Tronic MKVIe:
    - Following proceeding for system start-up and shut down for the gas turbine GE 7001FA DLN duel fuel machine.
    - Following Liquid Fuel system Flushing and air venting Procedure.
    - Water Wash System Procedure online and off line for (the compressor).
- Dates** : From Sep. 2006 till Aug. 2013
- Employer** : Upper Egypt Electricity Production Company
- Project** : EL-KUREIMAT III Combined Cycle Power Station (750MW): 2x260MW (MS 9001 FA), Speed Tronic Mark VI & ALSTOM HP STEAM TURBINE 250MW (ALSPA P320)
- Job title** : Operation Engineer
- Job Description** :
- Shift Charge Engineer for El-Kureimat (III) Combined Cycle Power Plant (3x250MW): Supervising on start-up & shutdown all units GE Gas Turbine(90001FA) (2x250MW), CMI heat recovery steam generator HRSG and steam turbine (1x250MW) and auxiliary from (valves, pumps, ...etc.) and keep it in normal operation conditions coordination with Control room operation engineer and local engineer, ...etc.
  - GE Gas turbine frame (MS 90001FA) & (2x250MW) and steam turbine (1x250MW): Operation Engineer for all gas turbine auxiliary systems.

Also supervise on first gas turbine rolling, start-up & shutdown LCI, SEE, Atomizing air, Hazards gas, AUX systems, Overview process control system (MARKVI) for GE Gas Turbine & make start-up & shutdown for GE Gas Turbine.

- HRSG Operation Engineer for two vertical boiler: Operation Engineer for CMI Heat Recovery Steam Generator HRSG equipment and auxiliaries (Hp, Lp feed water pumps, condensate pumps and circulation water pumps) and supervising on (chemical cleaning, steam blowing, conservation, ...etc.), make HRSG start-up & shutdown and keep it in normal operation.
- Besides I worked from Dec. 2006 till Feb. 2009 in:
  - Construction of El-Kureimat Power Station (GE gas turbine) 750MW.
  - GE gas turbine repair.

**Dates** : From Aug. 2005 till Sep. 2006  
**Employer** : Ridgewood Egypt for Infrastructure Projects LTD (Water Treatment Co.)  
**Job Description** : Worked in mechanical construction for water desalination plant and as Operation & Maintenance Engineer for 3 units R.O.

**Skills:**

- Issue equipment clearances and work permits.
- Develop and implement plant operating procedures.
- Assist in on-job training of other employees.
- Work with the teams of other operations employees on shift to insure successful start-up, operation and shut-down of units.
- Have very good knowledge of safety.
- Construction support activities including responding to submittals and RFIs.