

Holds a B. Sc. in Electronics & Communications Engineering and has about 7 years hands-on experience in operation field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/01/1985  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electronics & Communications Engineering, Mansoura University, 2006

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Certification of completion Gas Turbine Familiarization Siemens SGT6-5000F (5), Qurayyah IPP - Saudi Arabia, Jun. 2013.
- : Certification of completion of Gas Turbine operation Siemens SGT6-5000F (5), Qurayyah IPP - Saudi Arabia, Jun./Jul. 2013.
- : Certification of completion of Steam Turbine Familiarization Siemens SST 6-4000 (DN), Qurayyah IPP - Saudi Arabia, Jul. 2013.
- : Certification of completion of BOP Familiarization, Qurayyah IPP - Saudi Arabia, Aug./Sep. 2013.
- : Certification of completion of oil spill & emergency response, SWIPP - Saudi Arabia, Sep. 2013.
- : Certification of completion of HAZMAT of Crude Oil, SWIPP - Saudi Arabia, Sep. 2013.
- : Certification of completion of HAZOP of Crude Oil, SWIPP - Saudi Arabia, Sep. 2013.
- : Samsung Certification of completion of Qurayyah Project HRSG system.
- : Samsung Certification of completion of Qurayyah Project Sea water intake system.

- : Samsung Certification of completion of Qurayyah project chiller plant system.
- : Samsung Certification of completion vibration monitoring system of Qurayyah project.
- : Samsung Certification of completion chemical feed system of Qurayyah project.
- : Samsung Certification of completion electro chlorination system of Qurayyah project.
- : Samsung Certification of completion Demineralization Desalination system of Qurayyah project.
- : Samsung Certification of completion waste water system of Qurayyah project.
- : Atlas Copco Certification of completion of fuel gas compressor operational training T.375-387.
- : Maintenance of gas turbine stations (SIEMENS), 96 hours GAS TURBINE operation and maintenance training program, Nubaria.
- : On-shore training of ALSTOM (HRSG) operation, Nubaria.
- : On-shore training of steam turbine operation, Nubaria.
- : On-shore training of gas turbine Siemens v94.3A each one produces 250MW, Nubaria.
- : On-shore training of high and medium voltage (500KV/220KV/6.3KV), Nubaria.
- : Operation on-shore training of Alspa p320 distributed control system (DCS), Nubaria.
- : Training for fire and civil defense in Damanhour.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2013 till now
- Employer** : First National Operation & Maintenance Co. (NOMAC)
- Project** : Qurayyah IPP Combined Cycle (6x700MW) Power Station – Saudi Arabia
- Job title** : Shift Supervisor
- Job Description** : Six modules, each module consists of:
- Two Siemens combustion Gas Turbines produce 231MW type 5000F (5) SGT.
  - Two BHE horizontal type heat recovery steam (HRSG).
  - One Siemens steam turbine 231MW type SST 6-4000 (DN) HP and LP steam lines.
  - Chiller system which contain two phases, each phase contain:
    - One Thermal Energy Storage tank.
    - Ten working Secondary Chilled Water Pumps.
    - Eight chiller modules.
  - Gas Station which contains:
    - Two Emergency shutdown (ESD) valves.
    - Dry scrubbers.
    - Two Filter separators.
    - Gas metering station.
    - Gas chromatograph analyzer.
    - Thirteen gas compressor type Atlas Copco.
    - Seven Dew Point heater type.
    - PRV area contain seven lines.

**Dates** : From May 2011 till May 2013  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Combined Cycle Power Station (2x750MW)  
**Job title** : Senior Shift Charge Engineer  
**Job Description** :
 

- Two modules, each module consists of:
  - Two Siemens combustion gas turbines 250MW type V94.3a.
  - Two Alstom horizontal type heat recovery steam.
  - One Mitsubishi steam turbine 250MW type TC2F HP, IP and LP steam lines.
- 220KV switchyard.
- 500KV switchyard.
- Four tie transformers 500/220KV.
- Medium (6.3KV) and low (400 V) voltage switchgear.

**Dates** : From Jun. 2010 till May 2011  
**Project** : Nubaria Combined Cycle Power Station  
**Job title** : Operation Engineer of ALSTOM HRSG  
**Job Description** : Responsible for operating four units of horizontal Alstom HRSG.

**Dates** : From Jan. 2008 till Jun. 2010  
**Project** : Nubaria Combined Cycle Power Station  
**Job title** : Operation Engineer for Siemens Gas Turbine  
**Job Description** : Responsible for operating four units of SIEMENS gas turbines types V94.3A each 250MW.

**Field of experience** :
 

- Operation & start-up for Gas Turbine for Combustion Turbine Generator (SIEMENS) V94.3A & Siemens (SGT5000F (5)) in fuel oil mode.
- Operation & start-up HRSG model ALSTOM, BHI.
- Participate in steam blow for 12 HRSG model (BHI) in Qurayyah project.
- Operation & start-up for steam turbine model Mitsubishi.
- Start-up and operation all auxiliary systems (service water, closed cooling water, Circulating water, compressed air, chiller system...etc.).
- Check and operation the field equipments (valves, pumps ...etc.). And all related constructions (it's the most important test for the Boiler before starting).
- Beside I sharing in training the new Engineers in Nubaria Power Plant & Qurayyah Power Plant.
- Experience in preparation of site activity planning, leading the construction team till successful start-up.
- Understanding of P&ID drawing, coordinate with QA/QC and pipe line installation.