

Holds a B. Sc. in Mechanical Power Engineering and has about 8 years hands-on experience, including 6 years in operation and maintenance of Gas Turbine, Steam Turbine commissioning, start-up and steam blowing for HRSG Boilers.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/01/1983  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Certification of completion of Gas Turbine Familiarization Siemens SGT6-5000F (5), Qurayyah IPP - Saudia Arabia (Jun. 2013).
- : Certification of completion of Gas Turbine operation Siemens SGT6-5000F (5), Qurayyah IPP - Saudia Arabia (Jun./Jul. 2013).
- : Certification of completion of Steam Turbine Familiarization Siemens SST6-4000, Qurayyah IPP - Saudia Arabia (Jul. 2013).
- : Certification of completion of BOP Familiarization, Qurayyah IPP - Saudia Arabia (Aug./Sep. 2013).
- : On-shore training of gas turbine Siemens v94.3A each one produces 250MW, Nubaria.
- : On-shore training of gas turbine GE 9FA each one produces 250MW - Commissioning and start-up and first fire, Nubaria.
- : On-shore training of Steam turbine operation and maintenance by Mitsubishi Heavy Industries Company, Nubaria.
- : On-shore training of fuel oil cleaning methods by Initec Company, Nubaria.
- : On-shore training of ALSTOM HRSG, 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) by ALSTOM Company, Nubaria.

## CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : NOMAC Company
- Project** : Qurayyah IPP in Saudia Arabia (4000MW)
- Job title** : CCR Operator
- Job Description** :
- Six groups, each group consists of:
    - Two Siemens CTG (231MW) type SGT6-5000F (5).
    - Two horizontal HRSG.
    - One Siemens STG (231MW) type SST6-4000 (HP, LP).
  - Two chillers module for cooling.
  - Gas compressors, Dew point heaters and reduction station.
  - Plant auxiliary systems (BOP):
    - Fuel oil unloading pumps.
    - Air supply systems (instrument air comp., service air comp.).
    - Water supply systems (sea water circ. pumps, service water pumps, demi and potable pumps).
  - Medium and low voltage switchgears (13.8KV, 4.16KV, 380V).
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- Project** : Nubaria Combined Cycle Power Station 1500MW
- Job title** :
- Assistant Shift Engineer in Nubaria Combined Cycle Power Station 1500MW, which consists of:
    - Two modules each module consists of:
      - Two Siemens CTG 250MW type V94.3A
      - Two horizontal Alstom HRSG
      - One Mitsubishi STG 250MW (HP, IP, LP)
    - 220KV Switchyard
    - 500KV Switchyard
    - Four tie transformers 500/220KV
    - Medium and low voltage switchgears
  - Assistant Shift Engineer in Nubaria Combined Cycle Power Station 750MW, which consists of:
    - One module consists of:
      - Two GE CTG 250MW type 9FA
      - Two horizontal STF HRSG
      - One ALSTOM STG 250MW (HP, IP, LP)
- Job Description** : Responsible for operating:
- 4 Siemens gas turbines (250MW).
  - 2 Mitsubishi steam turbines (250MW).
  - 4 horizontal ALSTOM HRSG.
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- Dates** : From 2006 till 2008
- Project** : Industrial Sewage Station in 10th of Ramadan City
- Job title** : Operation Engineer of lifting

- Field of experience :**
- Operation for Gas Turbine, commissioning and start-up for Combustion Turbine Generator (SIEMENS) V94.3A.
  - Start-up and operation gas turbine (fuel oil mode).
  - Liquid fuel commissioning & combustion inspection.
  - Start-up and operation HRSGs.
  - Start-up and operation all auxiliary systems (service water, closed cooling water, Circulating water, compressed air...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 share in training the new Engineers in Nubaria Power Plant.