

Holds a B. Sc. in Mechanical Power Engineering and has about 11 years hands-on experience, including 9 years working 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 Mitsubishbi 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** : SAUDI ELECTRICITY COMPANY (SEC)
- Project** : Hail Power Plant for SIEMENS version (SGT 6 – 2000E), KSA:
- Six SIEMENS Gas Turbines (SGT6 2000E)
 - Five Westinghouse Gas Turbines (5 WD01)
 - One GE Gas Turbine (7FA)
 - Turbine Inlet Air Cooling system (TIAC)
 - Plant auxiliary systems (BOP)
 - Medium and low voltage switch gears (13.8KV, 4.16KV, 380V)
 - Fuel oil treatment plant
 - Crude oil heaters (Electrical & Boiler)
- Job title** : Technical Support Mechanical Engineer
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- Employer** : NOMAC Company
- Project** : Qurayyah IPP in Saudia Arabia (4000MW)
- Job title** : Maintenance Engineer
- 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)
- Operation Engineer of Combined Power Plant.

Dates : From 2008 till 2010
Project : Nubaria Combined Cycle Power Station
Job title : Operation Engineer
Job Description : Responsible for operating:

- 4 Siemens gas turbines (250MW).
- 2 Mitsubishi steam turbines (250MW).
- 4 horizontal ALSTOM HRSG.

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.