

Holds a B. Sc. in Communication & Electronics Engineering and has about 9 years hands-on experience working in operation and start-up.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 18/12/1983  
Gender : Male  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Communication & Electronics Engineering, Alexandria University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Training course in PLC Siemens step 7 in Abu Qir Training Center.
- : Training course in DCS "Mark VII & Mark VI & Infi90 & Honeywell" in Abu Qir Training Center.
- : Introduction to Advanced communication systems (GSM, PBX,  $\mu$ p &  $\mu$ c, CCVE, ISDN, FAX, Fire Alarm, Sound system and Computer Network).
- : Advanced course in PBX.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2016 till now  
**Employer** : [GE - EGYPTROL](#)  
**Project** : Malawi – GE TM2500  
**Job title** : Operator Engineer  
**Job Description** :

- Dealing with DCS System – Wood Word / Micronet, Logic / GAP.
- Preparation for operation of the units (check alarms and be sure that there is permissive for both units to start and all condition is achieved to start both units, survey for all auxiliary equipments (pumps, valves,

filters, transmitters....etc.) for both units, check the level for (fuel tanks and other auxiliary tanks), check fire fighting system is ready.

- Check the voltage and frequency of the grid and verify that it is suitable and in the safe range to start both units, if it is not in the proper range, I coordinate with transformers station to get right voltage for safe operation.
- Change all types of filters (low and high pressure for fuel, air inlet filters....etc.).
- Take a sample every day from the fuel to insure it is pure as can as possible.
- Operate a unit called centrifugal unit used to purify the fuel.
- Follow the right instruction to start both units to keep safe operation.
- Supervise all values (temperatures, pressures, levels and many other important values) during operation from a HMI screen.
- Follow proper steps for normal shutdown and avoid emergency shutdown.
- Register a data sheet contain all values (MW, MW/H, run time hour, start and end time of operation, fuel consumption....etc.).
- Verify and execute all safety requirements needed for work precisely.

**Dates** : From Dec. 2013 till Dec. 2015  
**Employer** : TNB REMACO KHARAFI NATIONAL JV  
**Project** : SABIYA OPEN CYCLE PLANT 1 EMERGENCY POWER STATION LM6000 (KUWAIT)  
**Job title** : Shift Charge Engineer & Senior Authorized Person  
**Job Description** : Operation and supervision for:

- 6 x GE LM6000 Gas Turbine Generator Sets.
- 3 x 120 MVA, 11/275KV Generator Step Up Transformers – GE.
- 2 x 5000 Tons Chillers for Turbine Inlet Cooling and Cooling Towers – TAS.
- 3 x 2250 HP Fuel Gas Compressors – GE.
- Fast Start-up for all units and BOP in case of emergency and peak hours and black shutdown.
- Safe Start-up for equipment and for people.
- Prepare isolation procedure for equipment maintenance.
- Safety Tags for equipment maintenance.
- Troubleshooting.

**Dates** : From Jun. 2011 till Dec. 2013  
**Employer** : Middle Delta Electricity Production Company (MDEPC)  
**Project** : Nubaria Combined Cycle (2x750MW) Power Station (EGYPT)  
**Job title** : Shift Operation Engineer  
**Job Description** : Operation and supervision for:

- Siemens Gas Turbine (4x250MW) Type V94.3A.
- Mitsubishi Steam Turbine (2x250MW).
- Two horizontal Alstom HRSG.
- 220KV switchyard ABB.
- 500KV switchyard JAPAN AG.
- Four tie transformers 500/220KV ZTR.
- Medium and Low Voltage Switchgears.

- BOP start-up and operation:
  - Circulate pump start and condenser water box filling.
  - Condenser water vacuum pump.
  - Debris filter.
  - Gland steam and vacuum preparation.
  - Lube oil and turning gear.
  - HRSG starts and bypass operation.
  - Turbine governing system.
  - Operation for Generator and synchronizing.
  - Generator Auxiliary Systems.

**Dates** : From Jul. 2007 till Jun. 2011

**Employer** : West Delta Electricity Production Co. (WDEPC)

**Project** : Combined Cycle Power Station (EGYPT)

**Job title** : Shift Charge Engineer & Senior Authorized Person

**Job Description** : Operation and supervision for:

- 4 Gas Turbines GE, frame 5 (1 Block of 4 Units Frame 5 Gas Turbine Black start Combined with GE 50MW Steam Turbine).
- (NEM) Heat Recovery Steam Generator (HRSG).
- Steam Turbine Mark V control.
- BOP bailey DCS Control.
- LOTO Authorized Person 220KV High Voltage Switchgear, Switching, Isolation, Earthing, Lock out, tag out.
- Medium Voltage Switchgear 10KV & Low Voltage 400V Switching, Isolation, Earthing, Lock out, tag out.
- Mechanical and Electrical equipment Isolation, Earthing, Lock out, tag out.
- Work permit, Sanction for test, LOA (limitation of access).
- ROMP (Restoration of Motivated Power), Hot Work Permit.
- Confined Space Document preparation.