

Holds a B. Sc. in Electrical Power Engineering and has about 8 years hands-on experience working in operation and start-up at Damietta Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/11/1983
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Electrical Power Engineering, Port Said University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, etc.), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operating & Monitoring GIS 220KV switchgear Isolated with SF6 gas.
- : Operating & Monitoring 135MW Siemens gas turbine V94.2.
- : Operating & Monitoring plant Auxiliary.
- : Operating & Monitoring Boilers and steam turbine.
- : To do the work order on Amplessma system (1 week).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2009 till now
Project : Damietta Combined Cycle Power Station
Job title : Shift Operation Engineer
Job Description :

- Operating & monitoring 220KV, 66KV, 6.3KV (A.C.) & 220V, 48V (D.C.) switchgears.
- Operating & monitoring 135MW gas turbine units SIEMENS SGT5-2000E (V94.2) & GE Frame 9E:

- Operation and monitoring performance of SIEMENS SGT5-2000E (V94.2) single shaft single casing – twin vertical combustion chambers – 135MW base load unit gas turbine.
- Carry out starting, normal operation, shut-down and stand still.
- Troubleshooting analysis.
- Analyze gas turbine faults and upsets, investigate and recommend solutions.
- Monitoring all readings of pressure, temperature, flow rate, vibration, valve position, liquid levels and power generated.
- Taking all steps to restore the normal operating condition in case of readings change due to causes not associated with the mod of operation.
- Checking all auxiliary equipments and devices (auxiliary power supply, lubrication and control oil system, fuel oil system, fuel gas system and ignition gas system).
- Operating & monitoring plant auxiliaries like:
 - Instruments & service air compressors (2 stages, 9 bars, with dryer).
 - Diesel generators (2.4MW, 6.3 Caterpillar).
 - Intake & water pump house and its D.C.S. control.
 - Closed cooling water, service water & circulate water.
- Operating & monitoring boiler HRSG 250 ton/h (Borsig). DCS Operating Boilers HRSG (Heat Recovery Steam Generation) and its auxiliary such as HP & LP pumps, drums, super heater, filling, safety valves, pumps, instrument sets pressure gauges (PG) & transmitters (PT) and working in the emergency trip of HRSG (ET).
- Operating & controlling equipments through D.C.S (Westinghouse).
 - Ensure plant is running at optimal level, by reading trends and paying attention to detail to notice possible problems before they happen.
 - Report all plant upset conditions during Shift Engineers.
- Operating & controlling equipments through ovation system control (EMERSON Process Management Company).