

102537-ELE-1OS-E-2008

Electrical Operation Engineer

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Power Station. Has over 12 years hands-on experience working in operation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/10/1985
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2008
: Diploma in Power Station (2015-2016)

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Training Course in Siemens SGT5 (V94.2A) Operation, certified from EDEPC (East Delta Electricity Production Company).
: Training Course in GEC ALSTHOM (Steam Turbine & Auxiliaries) Operation, certified from EDEPC (East Delta Electricity Production Company).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2009 till now
Employer : East Delta Electricity Production Company
Project : Damietta Combined Cycle Power Plant Module III (1700MW)
(6 gas turbines Siemens (94.2A) & 6 STF HRSGs and 3 steam turbines ALSTOM)
Job title : Electrical Operation Engineer
Job Description :

- Operating & monitoring boiler HRSG 250 ton/h (BORSIG).
- Operating & monitoring:

- High pressure (70 bar) & low pressure (4 bar) steam turbine driving elect. Generator 11.5KV 140MW.
- 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).
- Performing the unit start-up and shutdowns per assigned target troubleshooting, effective response to emergency conditions.
- Monitor the operation of a power generating unit to ensure reliable and efficient generation.
- Compliance to safety procedures.
- Operating & monitoring auxiliary equipment of power plant.
- Operating and monitoring through DCS Emergency Diesel, Air Compressors, Fuel Separator, Fire Fighting System, Central Air Condition, Screen Wash System, Service Water System, Closed Cooling System Water Intake.
- Operating & monitoring Gas Turbine (SIEMENS SGT5-2000E (V94.2A)).
- Operating & monitoring:
 - Two units of gas turbine v94.2A each one of them drive elect. Generator TLRI 135MW, 10.5KV.
 - Two power transformers each one 10.5KV / 220KV, 152 MVA.
 - Two power transformers 10.5KV / 6.3KV, 8.7 MVA.
 - Four units of air compressors.
 - Performing the units start-ups and shutdowns per assigned target troubleshooting, effective response to emergency conditions.
 - Monitor the operation of a power generating unit to ensure reliable and efficient generation.
 - Compliance to safety procedures.