

103424-ELE-1OS-E-2012
Operation & Commissioning Engineer

Holds a B. Sc. in Electrical Engineering (Communications & Electronics Division) and has about 5 years hands-on experience working in operation and commissioning at West Damietta Power Plant.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Damietta

EDUCATION

: B. Sc. in Electrical Engineering (Communications & Electronics Division),
Alexandria University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Gas turbine generator operation (GE POWER & WATER).
- : Metso DNA Operator & Info Operator (KHARAFI NATIONAL).
- : GIS operation (EDPEC).
- : Advance MK VIe Maintenance Course (GE Measurement & Control's).
- : Maintenance of HHIB manufactured power transformers.
- : AC Boilers HRSG maintenance.
- : ABB LV SWB's training.
- : RAISTEAM GGC VALVES and related maintenance.
- : Customized Electric Actuator Service Training (BIFFI).
- : Training at Damietta Company for containers (PLC control).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2012 till now
Project : West Damietta (4x125MW) Power Plant
(GE frame 9e gas turbine standard model and dln1+ model)

- Job title** : Field Operator Engineer & Control Room Engineer
- Job Description** :
- Prepare daily reports for operation status.
 - Assisting maintenance staff as LOTO Engineer.
 - Perform weekly, daily and shutdown tests according to schedule.
 - Witness and give hand as LOTO Engineer during (DLN+1 upgrade and hot gas path inspection of 4 units).
 - Commissioning Engineer at West Damietta phase 2.
 - Witness for every test and inspection of all instruments calibration (cold loop, hot loop).
 - Review for all GE tests for all units.
 - Controlling and monitoring:
 - SANCO fire protection system (CO2).
 - Honeywell hazardous gas protection system.
 - EX2100 Excitation System and GPP system.
 - BRUSH and ELIN generators.
 - Step up (15/220V) transformers and step down (220/15KV), (15/6.6KV), (6.6KV/400V dry transformers).
 - Lube oil system, hydraulic oil system, atomizing air system, purge air system, water injection system, gas fuel system, liquid fuel system, Performance system, Combustion monitoring system.
 - Start-up and shutdown procedure.
 - Water wash procedure.

Skills:

Good experience with electronics & AVR micro controller.