103441-ELE-1OS-E-2012
Power Station Operator

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience working as Power Station Operator (CCR and Local Operator), experienced in Gas turbines, Auxiliary boilers, desalination plants, Simple cycle and combined cycle.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	01/03/1991
Gender	:	Male
Marital Status	:	Single
Residence	:	Currently Dubai

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2012

LANGUAGES

Arabic	:	Native Language
English	:	Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe (Photoshop, Illustrator, After effects)
: Adobe Pdf Professional (Making reports and submittals)

TRAINING COURSES AND CERTIFICATIONS

: Gas Turbine Generator Operation (GE Operation Course), West Damietta Power Station (Jun. 2015).
: EX2100 Excitation System Maintenance Training (Jun. 2014).
: Power line carrier course (theoretical and on site operation of telecommunication system for GIS of West Damietta P/S (DPLC 2021D – SDH TN1UE & UCC2020-PABX)), West Damietta Power Station (Mar. 2013).
: Metso automation course (metso DNA operator & info operator course), West Damietta Power Station (Mar./Apr. 2013).
: AC & DC machines (summer training), ITC Training Center (Jul./Aug. 2011).
: International Computer Driving License (ICDL).
: Matlab Fundamentals.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2016 till now
Employer : DEWA (Dubai Electricity and Water Authority), UAE
Project : DEWA (E) Station 5x100MW 9E GE gas Turbine with 5x250 Ton HRSG, auxiliary boilers, BPST 60MW and Desalination plant 4x7MIGD
Job title : Power Station Operator
Job Description :

- Start-up, shutdown and smooth operation of Gas Turbine and its auxiliaries (Capacity: 5x100MW) GE frame 9E Mark Vie & its HRSG.
- Start-up, shutdown and troubleshooting of Desalination Plant (MSF capacity 4x 7MIGD).
- Operation of Aux boilers (Thermal Boilers).
- Start-up, shutdown and troubleshooting of back pressure steam turbine.
- Operation of Auxiliaries such as Instrument/service Air Compressors, pumps, EDG.
- Operation of NGPRS (Natural gas pressure reducing station).
- Operation of BPST back pressure steam turbine.

Dates : From Aug. 2012 till Sep. 2016
Employer : East Delta Electricity Production Company (EDEPC)
Project : West Damietta Simple Cycle Power Plant (1000MW) – 8x125MW Gas Turbine (GE frame 9E)
Job title : Local & DCS Operator
Job Description : Start-up, shut down and smooth operation for the GTs and its auxiliaries like: Starting means system, Atomizing air system, DLN 1+ system, lube oil system, hydraulic oil system, air intake system, dual nozzle combustion chambers, closed cooling pumped water, fuel purge system and 220KV GIS system.

Field of experience :

- Perform or assist in the start-up or shut down of assigned plant and facilities according to approved operating procedure or instruction.
- Conduct regular inspections and Wis functioning efficiently.
- Spot malfunctions or symptoms and refer to Shift Supervisor or console operator.
- Maintain field instrument or local measurement in log, and update check-lists as required as flaring, blow down, isolation, diversion, switching with close communication with console operator through of plant facilities to ensure plant and/or shift supervisor.
- Respond to emergency or upset conditions taking necessary field activities, such collect sample and perform process chemical and physical test as required.
- Support or Assist Shift supervisor if required and as per instructed such as the cases of Communication with other section, Contractor or vendor (Maintenance, Inspection, Contractor, or chemical vendor etc.).
- Issuing work permit (as per permission level approved by section head).
- Perform in-plant housekeeping duties.
- Provide appropriate technical advice to other field operator or sharing good and bad experiences with colleagues, upon request, to realize efficient and effective operations.
- Basic understanding of mechanism and start/stop field operation Utilities

/ power plants equipment's (e.g. Heat Exchanger, Pump, Compressor, Motor, Turbine, Manual valve, Control valve, etc.).

- Basic understanding of instruments and emergency shutdown system taking in charge thorough understanding of power plant layout and operating process taking in charge.
- Ability to operate Utilities / Refinery or Power plant equipment.
- Prompt and accurate response to the command / instruction.
- Safety awareness and implementing safety policy and Hazards protection.
- Fundamentals: Physics, chemistry, Hydrocarbons, heat transfer, thermo dynamics, measurements, fluids, pumps, compressors, valves, motors, generators, reading drawings (PID, PFD and electrical drawings), turbines, distillation process and heat exchangers.