

Holds a B. Sc. in Mechanical Engineering and has about 6 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/09/1989
Gender : Male
Residence : Currently Dubai, UAE

EDUCATION

: B. Sc. in Mechanical Engineering, Port Said University, 2011

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Hydraulic machines, vibration, turbo machinery, internal combustion chamber engines, automatic control basics.
- : Gas Turbine Generator Operation GE Power & Water.
- : MARK VIe Gas turbine control system GE Power & Water.
- : Pumps and Compressors Training Program Kharafi National.
- : EX2100 Excitation System Maintenance Training GE Power & Water.
- : HVAC & R (System maintenance – Maintenance planning) at Damietta Engineers Syndicate (2013).
- : OSHA training (General industry) (2011).
- : Diesel engines maintenance at MAZ for Training Solution (2011).
- : Hydraulic System Fundamentals at MAZ for Training Solution (2011).
- : Heavy machinery training at HMTTC (Training companies) (2011).
- : Training at Kafr El-Battikh Power Plant (2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2016 till now
Employer : DEWA (Dubai Electricity & Water), Dubai (UAE)
Job title : Power Station Operator
Job Description : Operation of:

- MSF dalination units.
- Blended water system.
- MGPS area.
- Water treatment plant.
- Auxiliary boilers.
- HRSG.
- WHB waste heat boilers.

Dates : From Sep. 2011 till Sep. 2016
Employer : East Delta Electricity Production Company (EDEPC)
Project : West Damietta Power Plant
Job Description :

- Worked as Control Room Operator for 5 years, operating gas turbines GE FRAME 9E, operate 125MW gas turbine including:
 - Starting means systems.
 - Atomizing air system.
 - DLN system.
 - Lube oil system.
 - Air intake system.
 - Dual nozzle combustion chamber.
 - Load pick up system.
 - Closed cooling pumped water.
 - Fuel purge system.
 - 220KV GIS.
- Worked as Control Room Operator:
 - 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 checklists 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 Ex-changer, 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.
- Worked as Commissioning Engineer for 3 months on the construction of DRY LOW NOx at GE FRAME 9E.
- Worked as Commissioning Engineer for 5 months at New West Damietta Power Plant GE FRAME 9E (ORASCOM-GE).
- Commissioning Engineer at West Damietta phase 2 Fast Track Simple Cycle Power Plant 500MW, Orascom & GE:
 - Erection and mechanical installation of gas turbine & auxiliaries.
 - Pre-commissioning tests.
 - Hydro tests.
 - Smoke tests - pneumatic tests - blowing - flushing: Lube oil system, Liquid fuel system, Gas fuel system, Cooling sealing air system, Pressurized air system, Cooling water system.
- Construction, Commissioning and Start-up – Commissioning Engineer:
 - Supervision of the construction of four Gas Turbines and its auxiliaries (GE frame 9E).
 - Pre-commissioning & commissioning tests.
 - Start-up of four gas turbines.
 - Commissioning for various gas turbine systems:
 - Lube oil system.
 - Cooling water system - gas fuel system - atomizing air system - liquid fuel system (distillate fuel oil) - air processing unit - evaporative cooler system.
 - Gas turbine start-up and reliability test.
 - Pre-commissioning tests.
 - Witnessed all the construction procedures and mechanical tests including pre-commissioning and commissioning procedures for all mechanical devices and piping systems.