

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years hands-on experience working in operation at El-Kureimat Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/11/1986
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Shorouk Academy, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Speedtronic MK VI gas turbine maintenance (GE) (Feb./Mar. 2010).
- : Generator Excitation & Static Frequency Control (GE) (Mar. 2010).
- : Steam turbine primer & plant overview & KKS and documentation structure & ST internal parts & auxiliary system & lube oil system & control oil system & turning gear system & condenser system & gland steam system & leak off steam system & drain system & ventilation system & generator system & operation, start/ stop & condition for turbine operation & general alarm and trip actions (SIEMENS) (Mar. 2010).
- : Circulating Pump & Feedwater Pump & Condensate Pump (TORISHIMA) (Apr. 2010).
- : HRSG and HTF heat exchanger (NEM).
- : The Cooling Tower, Operation and Maintenance (ESINDUS) (Apr. 2010).
- : Water and Effluents Treatment Plant (VEOLIA) (Apr. 2010).
- : Fire Fighting Systems Operation (CHEPRO) (Apr. 2010).
- : General Concept of Combined Cycle (IBERDROLA) (Mar. 2010).

- : Electrical Systems (IBERDROLA) (May 2010).
- : Switchyard (IBERDROLA) (Jun. 2010).
- : Electrical Protections (IBERDROLA) (May 2010).
- : Mechanical Systems (IBERDROLA) (Mar./Apr. 2010).
- : Continuous Emission Monitoring System (CEMS), ANATRAC (Apr. 2010).
- : (OSHA) Outreach Safety Training, ORASCOM (Aug. 2013).
- : Solar energy Technology & Field Supervisory Control (FSC) & Solar Field Control Logic and Monitoring (FLAGSOL).
- : International Computer Driving License (ICDL), United Nations Educational (Jul. 2009).
- : English Course, BRITISH COUNCIL (Dec. 2015).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2010 till now
- Project** : El-Kureimat Integrated Solar Combined Cycle Power Plant (ISCC)
- Job title** : Power Plant Operator
- Job Description** : Work with the following systems:
- Distribution control system DCS.
 - Switchyard control system Scada.
 - Siemens steam turbine control system T3000.
 - Gas turbine Mark VI Control Systems from GE.
 - Solar Parabolic trough control system FSC.
 - Gas turbine (GT).
 - Steam turbine (ST).
 - Heat recovery steam generator (HRSG).
 - Electrical systems: switchyard - switchgear - auxiliary & main & service transformers - Scada system operation - emergency system - busbars system - motor control centre MCC.
 - System auxiliaries & BOP: condensate system - make up system - feed water system - open and closed cooling system - vacuum system - drains system compressed air system - circulating system - fire protection system demi & raw and service water system - HVAC system - cooling towers system.
 - Solar island: solar Parabolic trough system.