

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 14 years hands-on experience working in installation, commissioning, start-up, operation and maintenance of electrical power stations and substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/02/1983
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Alstom steam turbine operation, Alstom Co., Mannheim - Germany (4 weeks).
- : On-site training for Operation SIEMENS gas turbine module V94.3A (6 weeks).
- : On-shore training on HITACHI steam turbine.
- : On-shore training on Heat Recovery Steam Generator (HRSG) by CMI Company.
- : Protection Systems of 220KV switchyard (G. I. S.) by Siemens AG Company (175 training hours).
- : On-job training Electrical and Mechanical Operation training courses of Siemens gas turbine V94.3A by Siemens Company.
- : Medium voltage 6.6KV and low voltage switchgear of Station by Siemens AG Company.
- : Event and fault recorder of G.I.S. 220KV switchyard by Siemens AG Company.
- : Power line carrier by Siemens AG Company.

: Battery charger by Chloride Company.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2015 till now
Project : South Helwan Supercritical Power Plant 3x760MW
Job title : Construction & Commissioning Engineer

Dates : From Aug. 2010 till 2015
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Electrical Maintenance & Protection Engineer
Job Description :

- Responsible for maintenance and testing of electrical system of the combined cycle module Generator and Unit Transformer and Auxiliary Transformers.
- Gas turbine Electrical Generators and protection system.
- Excitation system (reactive power control & power factor control & voltage control).
- Static frequency converter (SFC) or load commutated inverter (LCI) for start-up gas turbine generator as synchronous motor (protection & troubleshooting).
- ABB Generator Circuit Breakers (16KV) protection & testing & interlock.
- Schneider and ABB MV Switchgear protection & testing (on-off time test – contact resistance test – circuit breaker mechanism maintenance).
- Variable frequency drives for ac motors troubleshooting.
- Batteries and Battery chargers and Uninterruptible Power Supply (UPS).
- MV and LV motors protection & maintenance & troubleshooting & testing (megger test – heat run test ...etc.).
- Real time Power factor correction controller devices troubleshooting.
- High tension power factor controllers.
- Single phase & three phase automatic power factor controllers.
- AC LV Switchgear (Load Center, MCC).
- Power transformer (220KV/19KV) maintenance.
- Power transformer protection & testing (turns ratio test – winding resistance test – mechanical protection test).
- Gas insulated switchyard (GIS) protection & troubleshooting & maintenance & interlock.
- SF6 circuit breaker maintenance & testing.

Dates : From 2007 till Aug. 2010
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Operator in control room

Dates : From 2006 till 2007
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Commissioning & Start-up Engineer
Job Description :

- Responsible for construction of the combined cycle module (Steam turbine part).
- Responsible for "Electrical Drawings Review and Approval" according to

the Contract Specification Requirements.

- Responsible for commissioning and testing of electrical systems according to the Contract Specification Requirements.
- Coordination and Supervision of all Contractors Electrical Works and identify any deviation from the contract for the Contractors.