

Holds a B. Sc. in Electrical Power & Machines Engineering and a Diploma of Electrical Power Engineering. Has over 16 years of experience in combined cycle power plants, gas turbines, steam turbines, HRSG, RO, high-voltage switchyards and GIS control room across Egypt, Saudi Arabia and the UAE. Experienced in control room operation, load dispatching, start-up/shutdown procedures, fault analysis and power plant performance optimization. Skilled in GE 9FA gas turbines, 500KV switchyards and electrical power systems operation with strong commitment to safety, reliability, operation and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/10/1987
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2009
- : Completion of Master preliminary study in Electrical Engineering (Menoufia University), Title of master research point: advanced control of a synchronous generating unit driven by a gas turbine
- : Diploma of Electrical Power Engineering, 2020

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Matlab program.
- : Combined cycle operation training, Nubaria – Egypt.
- : Technical English course (Nov. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2025 till Aug. 2026
Employer : Emirates Global Aluminum
Project : Emal Power Plant
(450MW Capacity, RO Plant, 220KV GIS GE 9FA, Gas Turbine, Doosan HRSG, GE C7&C5 Steam Turbine), UAE
Job title : Electrical Maintenance Engineer
Job Description :

- Promote and maintain a strong safety culture while ensuring compliance with all electrical procedures and standards.
- Monitor plant performance, analyze equipment reliability, and identify continuous improvement opportunities.
- Plan, supervise, and execute preventive and corrective maintenance for electrical and control systems.
- Troubleshoot electrical equipment, perform root cause analysis (RCA), and implement effective corrective actions to minimize downtime.
- Support scheduled outages, emergency maintenance, testing, commissioning, and installation activities.
- Prepare maintenance reports, technical documentation, drawings, project scopes, and material specifications.
- Work closely with Operations and Maintenance teams to resolve technical issues and improve plant reliability.
- Communicate technical information effectively, manage multiple priorities, and perform additional duties assigned by management, including overtime when required.

Dates : From Jun. 2024 till Jul. 2025
Employer : TECMO ARABIA LIMITED COMPANY, KSA
Job title : Project Engineer
Job Description : Worked as a Project Engineer for an SEC (Saudi Electricity Company) subcontractor, specializing in the start-up, commissioning, and relocation of TM2500 GE mobile gas turbines for distributed generation units.

Dates : From Jun. 2019 till Jun. 2024
Employer : Middle Delta Electricity Production Co.
Project : Nubaria Power Station Module III (750MW)
Job title : Shift Charge Engineer

Dates : From Aug. 2012 till Jun. 2019
Employer : Middle Delta Electricity Production Co.
Project : Nubaria Power Station Module III (750MW)
Job title : Control Room Operator (CCPP)
Job Description :

- Analyze Gas Turbine faults & upsets, investigate and recommend solutions.
- Organize evaluation and testing of gas turbine component.
- Follow the Dispatch Load Request.
- Fast working to duly achieve defined goals.
- Perform Periodical Test.

- Worked accurate under tight schedules.
- Start-up and Shut down of the Units.
- Detect and diagnose malfunction of equipment's and prepare for work orders.
- Operate the units even in case of abnormal operation.
- Collect and analyze periodical data.
- Follow and deal with Alarms in Central Control Room.
- Perform necessary Measures and Checks out Before Equipment's Start-up.
- Follow Operation Specifications.
- Analysis of all necessary Information about Local Sites.
- Operations of medium, low voltage switchgears and load centers.
- Operation of high voltage circuits.

Dates : From Jul. 2015 till Oct. 2015
Employer : [EGYPTROL](http://www.egyptrol.com)
Job Description : GE Gas Turbines (TM2500 machine) Operator & Maintenance Engineer power generating unit (25MW).

Dates : From Mar. 2011 till Aug. 2012
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station Module III (750MW):

- Two GE CTG x 250MW type MS9001 (9FA).
- Two horizontal STF HRSG.
- One ALSTOM STG 250MW (HP, IP, LP).
- 500KV switchyard.
- Medium and low switchgears.
- Module auxiliaries.

Job title : Switchyard (500/220/11KV) Control Room Operator
Job Description :

- Monitoring and operating the system.
- Coordinating between the Power Station, Substation and National Electricity Control Center (NECC).
- Operating of Live Line Insulator washing system for (500/220KV) switchyard.
- Doing daily technical report about loads status.
- Isolating and connecting in service of any duty.
- Energizing transformers while commissioning.

Dates : From Jan. 2010 till Mar. 2011
Employer : Solymaniya Tourist Village, Egypt
Job title : Electrical Construction & Maintenance Engineer

Field of experience : Electrical Engineering, Gas Turbine, Steam turbine, Heat Recovery Steam Generators Operation, Maintenance & Site Engineer.