

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 22 years of experience in power generation, electrical maintenance, testing & commissioning, and utility infrastructure projects. Extensive expertise in combined-cycle power plants, substations, transformers, gas and steam turbines, HV/MV/LV systems, and industrial electrical networks. Proven ability to lead multidisciplinary engineering teams, optimize maintenance strategies, improve equipment reliability, and ensure compliance with international safety and operational standards. Strong background in project execution, technical leadership, troubleshooting, and operational excellence within power generation and oil & gas environments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/10/1980
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Off training in CMI energy heat recovery systems for heat recovery steam generators systems (Seraing, Liege, Belgium).
- : Onshore training for gas turbine including electrical systems by SIEMENS Company (Giza, Egypt).
- : Onshore training for steam turbine including electrical systems by including electrical systems by HITACHI Company (Giza, Egypt).
- : Cathodic protection system of power plants by Arab Contractors & Warley Parsons (CACWP) Company (Giza, Egypt).
- : On-Load Tap Changer training (Giza, Egypt).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2021 till now
Employer : China National Cable Engineering Corporation (CNCEC), Kuwait
Job title : Senior Electrical Engineer
Job Description :

- Lead electrical engineering activities for major infrastructure and utility projects.
- Support project management teams during technical discussions and client engagements.
- Prepare and review technical proposals, engineering documents, and tender submissions.
- Conduct electrical calculations and engineering studies to ensure compliance with project specifications.
- Manage electrical engineering deliverables throughout project execution phases.
- Supervise electrical engineers, designers, and technical specialists.
- Monitor project progress, technical quality, and compliance with applicable standards.
- Participate in performance evaluations and technical development of engineering personnel.

Dates : From Jan. 2020 till May 2021
Employer : Suez Oil Company (SUCO), Egypt
Job title : Electrical Maintenance Engineer (Onshore / Offshore)
Job Description :

- Developed preventive maintenance programs to improve equipment reliability and reduce operational interruptions.
- Led installation and commissioning activities for Variable Speed Drive (VSD) systems.
- Coordinated with contractors, vendors, and operations teams to ensure successful project execution.
- Provided technical support for troubleshooting power supply and electrical system failures.
- Developed emergency response procedures for electrical outages and critical operational events.
- Delivered technical training and mentoring to maintenance personnel.

Dates : From Jan. 2016 till Dec. 2019
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Senior Electrical Engineer
Job Description :

- Managed maintenance and operational activities for power generation equipment.
- Improved plant reliability through implementation of preventive and predictive maintenance programs.
- Diagnosed and resolved complex electrical and mechanical issues to minimize downtime.
- Led emergency response planning for generation and grid-related disturbances.

- Optimized power generation efficiency and reduced operational losses.
- Supervised engineering teams and supported workforce development initiatives.

Dates : From Jan. 2014 till Dec. 2015
Employer : ISCOSA (Industrial Services Company of Saudi Arabia) – a SIEMENS COMPANY, KSA
Job title : Senior Electrical Engineer (Instructor) (in ISCOSA Training Center)
Job Description :

- Delivered professional electrical engineering training programs.
- Developed technical training materials and practical workshops.
- Provided instruction on electrical systems, maintenance practices, and safety standards.
- Promoted best practices and compliance with industrial safety requirements.
- Supported professional development of technical personnel.

Dates : From Jan. 2010 till Dec. 2013
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Electrical Testing & Commissioning Engineer
Job Description :

- Performed testing and commissioning activities for electrical systems and equipment.
- Conducted functional and performance testing of electrical installations.
- Verified operation of protection systems, grounding systems, and emergency shutdown systems.
- Ensured compliance with applicable electrical codes, standards, and project specifications.
- Prepared commissioning reports and technical documentation.

Dates : From May 2004 till Dec. 2009
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II 750MW Combined Cycle Power Plant
Job title : Electrical Maintenance Engineer
Job Description :

- Maintained electrical equipment and power generation assets.
- Coordinated maintenance activities and resource allocation.
- Managed procurement and inspection of electrical materials and equipment.
- Conducted system inspections and compliance verification activities.
- Prepared technical reports and project progress documentation.
- Supported commissioning and start-up activities for plant systems.

Field of experience :

- Technical Skills:
 - Power Generation & Distribution.
 - Electrical Maintenance Management.
 - Testing & Commissioning.
 - Combined Cycle Power Plants.
 - Gas Turbines & Steam Turbines.
 - HV/MV/LV Systems.

- Power Transformers.
- GIS Substations.
- SCADA Systems.
- DCS & MARK VI Systems.
- Preventive Maintenance.
- Predictive Maintenance.
- Root Cause Analysis.
- Asset Reliability Management.
- Electrical Troubleshooting.
- Project Engineering.
- Team Leadership.
- Technical Documentation.
- Electrical Safety Compliance.
- Grid Integration.
- Tendering & Technical Evaluation.
- Contractor Management.
- Power Systems:
 - 380 kV / 220 kV / 132 kV / 66 kV / 11 kV Substations.
 - Gas Insulated Switchgear (GIS).
 - Power Transformers.
 - MV & LV Switchgear.
 - Power Cables.
 - Earthing Systems.
 - Cathodic Protection Systems.
- Power Generation Equipment:
 - Gas Turbines.
 - Steam Turbines.
 - Generators.
 - Heat Recovery Systems (HRSG).
 - Diesel Generators.
- Control Systems:
 - SCADA, DCS, MARK VI Control Systems.
 - Protection & Automation Systems.
- Software & Tools:
 - AutoCAD 2D.
 - Technical Reporting.
 - Maintenance Planning Systems.
 - Project Documentation Systems.