

103843-ELE-158GMST-E-2000
Lead Commissioning & Protection Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 22 years hands-on experience working in maintenance, protection, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/12/1974
Gender : Male
Marital Status : Married
Residence : New Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2000

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project and Visio

TRAINING COURSES AND CERTIFICATIONS

: Summer Training: Handling PLC controllers and Automated Production lines.
: Summer Training: C++ and machine language.
: Summer Training: Electrical power systems protection and maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till May 2022
Employer : [EGYPTROL](http://www.egyptrol.com), Al Toukhi Subcontractor
Job title : Lead Commissioning & Protection Engineer
Job Description :

- Layyah Combined Cycle Power Plant 1026MW, Sharjah – UAE (Apr. 2021 – May 2022):
 - Leading and participating in Gas turbine BOP testing and commissioning activities, including MV and LV SWGRs, ABB SF6 GCB, Main generator step up transformers and unit auxiliary

- transformers protection.
- Troubleshooting electrical system at first fire and first synchronizing for 2 GTs.
- Hail 2 CC Power Plant, KSA (Jan. 2018 – Mar. 2021):
 - Leading the electrical team to achieve project milestones in time, and in a professional performance.
 - Testing and Commissioning, Water Demineralization, transformers, Sewage water treatment and overall scheme.
- New Administration Capital Siemens CCPP – Egypt (Feb. 2017 – Dec. 2017):
 - Testing and Commissioning Generators and transformers protection systems for gas turbines.
 - Commissioning the interface between protection systems and control systems (DCS and T3000).

Dates : From Dec. 2012 till Jan. 2017

Employer : Bader Almulla & Bros., Kuwait

Job title : Project Manager

Job Description : Manage and coordinate power plant maintenance projects:

- Sabiya Power Plant (General Electric):
 - Managing maintenance team to achieve Preventive Maintenance schedule as per GE standard.
 - Following up subcontractors and coordinate with the client achieving maximum efficiency on budget basis.
- Doha East Power Plant (Ministry of Electricity and Water):
 - Managing F/F F/A maintenance team to achieve Preventive and corrective maintenance schedule as per MEW requirements.
 - Modifying Fire Alarm systems to achieve best protection for High Voltage Transformers.

Dates : From Jun. 2006 till Dec. 2012

Employer : Arabian BEMCO, Jeddah – Saudi Arabia

Projects :

- Riyadh Power Plant 9, block C and D
- Haram expansion MV switchgears testing - Mecca
- Qurayyah CCPP2
- King Saud University – Riyadh
- Princess Noura University – Riyadh
- Qurayyat Sub Station - 33/380KV – Qurayyat
- Najran ARAMCO Power Plant

Job title : Senior Electrical Engineer

Job Description : Manage a testing and commissioning team for different type of power plants and substations projects.

Dates : From May 2005 till Jun. 2006

Employer : EPCI Pharma

Job title : Electrical Maintenance Engineer

Job Description :

- Maintenance of LV System (11KV to 0.38KV).
- Planning new production electrical supply requirements and modifying existing systems.

- Maintenance planning and execution for production lines and machines.

Dates : From May 2001 till May 2005
Employer : Lacto Misr Factory, 10th of Ramadan City – Egypt
Job title : Electrical Maintenance Engineer
Job Description :

- Maintenance of Spray Dryer, dry mixing and filling lines.
- Maintenance of factory LV System (11KV to 0.38KV).
- Maintaining and re-programming of PLC unit (SIMATIC S7 and S5).
- Maintaining and calibrating of level, temperature and pressure Indicators.
- Maintenance of MCCs, Electrical Motors and drives.
- Training new engineers to handle German Spry Dryer.

Dates : From Sep. 2000 till May 2001
Employer : Cairomatic
Job title : Electrical Maintenance Engineer
Job Description :

- Working as Maintenance Engineer for water desalination plant, low voltage distribution system, Diesel Generator and plant controller like, Level, pressure, flow meters and GEFANUC PLC.
- Responsible for maintaining and operating high pressure motorized pumps.

Skills:

- Management:
 - Planning, communications and problem solving.
 - Ability to lead team workers to achieve maximum time and financial efficiency.
 - Help others with phases of departmental planning.
- Technical:
 - Experienced in testing and comm. with most type of protection relays (Siemens, ABB, GE, SEL, etc.).
 - Experienced in testing and comm. of HV, MV and LV switchgears.
 - Familiar with most types of machine controllers (PLC, inverters, DC drives, etc.).
 - Testing, commissioning and maintenance of Power Plants (GT and CCPP).
 - High and medium voltage transformers and motors protection and maintenance (Oil and dry types).