

**103454-ELE-145MOS-E-2010**  
**Electrical Maintenance Supervisor**

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 12 years hands-on experience working in maintenance, operation and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/04/1987  
Gender : Male  
Marital Status : Married  
Residence : Currently Iraq

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2010

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: DIALUX (lighting design software)  
: Adobe Pdf Professional (Making reports and submittals)  
: AutoCAD 2D  
: Matlab 7.5  
: Labview

## TRAINING COURSES AND CERTIFICATIONS

: PLC  
: AutoCAD 2D  
: SCADA System  
: ICDL  
: HSE & Basic fire fighting training course.  
: Intermediate English course British Council (Egypt) (Presentation skills, grammar and vocabulary).  
: SEGAS (Spanish Egyptian Gas Company) Internship program.  
: Excitation GE course of Alien generators (EX2100R).  
: GE operation course of gas turbines.

- : Diesel engine course (MTU) operation & maintenance.
- : SAS architecture course to deal 220KV C.B.
- : Protection course of 220KV GIS C.B (Schneider).
- : Oil and Gas engineering fundamentals (Physics, chemistry, Hydrocarbons, heat transfer, thermo dynamics, liquefied natural gas processing, measurements, corrosion, fluids, pumps, compressors, valves, motors, generators, reading drawings (PID, PFD and electrical drawings), turbines, distillation process and heat exchangers, LNG Process courses).
- : Combined Cycle steam turbine Operation course in Ansaldo Energia Factory (Genova, Italy).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2021 till now
- Employer** : SPM OIL & GAS CATERPILLAR COMPANY
- Project** : EI Zubair PPG Oil Field Development Iraq Project
- Job title** : Electrical Maintenance Supervisor
- Job Description** :
- Executive preventive and corrective maintenance for low, medium and high voltage switchgear (0.4, 6.6, 132KV).
  - Troubleshooting the problems of gas turbines (ALSTOM) and gas compressors (DENAIR) and generator protection relay (Schneider P 345).
  - Testing and Commissioning Power Panels of Heat Trace system for the plant.
  - Testing and Commissioning Protection Relay (ABB Ref 615) for Vacuum medium voltage circuit breakers (ABB).
  - Executive preventive maintenance for power transformers (HYUNDAI) with different voltage levels (132KV/15KV), (15KV/6.6KV/1.8KV), (6.6KV/0.4KV).
  - Executive preventive maintenance for power generators and excitation systems (ALSTOM).
  - Maintenance of different types batteries, battery chargers and UPS.
  - Using thermal camera for Predictive maintenance of power transformers and switchgear.
  - Make preventive and corrective maintenance of different motors (types, sizes, specifications).
  - Make preventive and corrective maintenance of Motorized control valves (MOV) of turbo generators system (AUMA).
- Dates** : From Sep. 2020 till Sep. 2021
- Employer** : Egyptian Maintenance Company
- Project** : SANMAR Project
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Perform Scheduled Maintenance: Perform scheduled maintenance and preventative repairs on all electrical systems, equipment, and machinery. People in this profession also review maintenance schedules and adjust them as necessary to keep systems functioning at peak levels.
  - Repair Electrical Systems: Act quickly to make on-the-spot repairs when

electrical systems and machinery malfunction.

- Troubleshoot Malfunctions: Making inspections and assess potential problems. These professionals also recommend changes or upgrades to electrical systems to increase productivity and Functionality.
- Test Electronics: Perform regular tests to new and existing electrical systems, equipment, and machinery, both to spot potential problems and to ensure that systems are operating at their highest possible levels of functionality.

**Dates** : From Jul. 2019 till Sep. 2020  
**Employer** : Badr Elden Petroleum Company (BAPETCO)  
**Project** : NEAG -1 Egypt Project  
**Job title** : Electrical Engineer  
**Job Description** :

- Participate in planning and implementation of planned maintenance programs and supervise the maintenance work and participate in more complex electrical repairs and adjustments.
- To identify & select the correct application of spare parts and engineering materials, then review requisitions for ordering spare parts, materials and tools.
- To issue electrical danger notices as authorized and responds to emergency calls as required.
- To liaise with operation and engineering personnel regarding electrical switchgear equipment in order to maintain performance reliability and efficiency.
- To ensure company regulations relating to safety and work permits are observed.
- To assist the direct supervisor in establishing priorities and recommends improvements to work methods, studies minor modifications, draw sketches and write descriptions for electrical switchgear equipment.
- To participate in the inspection and testing of completed work in order to ensure its conformity to prescribed specifications.
- To assist in shutdown preparations.
- To comply the daily work schedules.
- Working and dealing with different types of power transformers, synch generators, MV/LV Motors, switchgear CB preventive and corrective maintenance.
- Making preventive & corrective Maintenance for All electrical Equipment according to work plan procedure.

**Dates** : From Aug. 2012 till Jul. 2019  
**Employer** : East Delta Electricity Production Co.  
**Project** : Damietta CCPP 1530MW  
**Job title** : Electrical O&M Engineer  
**Job Description** : Maintenance engineering in a Gas and steam Turbines Power plant with preference for Power Generation knowledge. In addition, I meet the following competency requirements:

- High aptitude with safety management systems; high level of competency in relationship and team building including communicative skills between peers in the English language.
- Transparency in reporting of production maintenance problems, sharing

of knowledge and lessons learned.

- High focus on process operations optimization and efficiencies including minimizing all flaring.
- High focus in work management processes including permit to work, equipment isolations, temporary control system defeats, etc.
- Making preventive & corrective Maintenance for All electrical Equipment according to work plan procedure.
- Follow instructions of safety rules to keep no injures to persons in the plant.
- Working and dealing with different types of power transformers, synch generators, MV/LV Motors, switchgear CB preventive and corrective maintenance.
- Participating in start-up and commissioning of power plant combined cycle with operation team.

**Dates** : From Jan. 2012 till Aug. 2012  
**Employer** : Kharafi National  
**Project** : West Damietta Power Plant 500MW  
**Job title** : Commissioning Engineer  
**Job Description** : Attended installation and commissioning of:

- L.V, M.V motors (test run, heat run).
- Control cabinets (Mark 6E).
- GIS 220KV circuit breakers assembly & commissioning & protection tests.
- Assembly H.V, M.V, L.V power transformers commissioning.
- GE generators tests protection and commissioning of excitation EX2100 system.
- Generator circuit breaker tests type (ALSTOM).
- Diesel engines (MTU) commissioning.
- (L.V, M.V, H.V) power cables tests.
- Commissioning of M.V breakers (Schneider).
- UPS and Battery chargers commissioning.

**Dates** : From Jan. 2011 till Dec. 2011  
**Employer** : Spanish Egyptian Gas Company (SEGAS)  
**Project** : LNG  
**Job title** : Electrical Maintenance Trainee  
**Job Description** :

- Participate in planning and implementation of planned maintenance programs and supervise the maintenance work and participates in more complex electrical repairs and adjustments.
- Utilize the Computerized Maintenance Management System (CMMS) (OCEN System) to plan/schedule and coordinate all work activities with the Maintenance Planner/ Scheduler and maintain all necessary history in the system.
- To identify & select the correct application of spare parts and engineering materials, then review requisitions for ordering spare parts, materials and tools.
- To provide work supervision and on the job instruction to electrical contractors staff assigned to his work.
- To liaise with operation and engineering personnel

regarding electrical switchgear equipment in order to maintain performance reliability and efficiency.

- To issue electrical danger notices as authorized and responds to emergency calls as required.
- To ensure company regulations relating to safety and work permits are observed.
- To assist the direct supervisor in establishing priorities and recommends improvements to work methods, studies minor modifications, draw sketches and write descriptions for electrical switchgear equipments.
- To participate in the inspection and testing of completed work in order to ensure its conformity to prescribed specifications.
- To assist in shutdown preparations.
- To comply the daily work schedules.

**Dates** : From Aug. 2010 till Dec. 2010  
**Employer** : Halayeb Katilo Co. for dairy & juice  
**Job title** : Electrical Maintenance & Programmer Engineer  
**Job Description** : I worked on programming PLC circuits and install control board of the factory, also maintain electric equipment like Motors & Diesel engine, control Panels, ...

**Field of experience** :

- Hands-on experience in the operation of Power Generation Plant.
- In-depth knowledge of safe handling practices of flammable gases, liquids and high pressure systems.
- Familiarity with Hazardous Materials Transportation Regulations.
- Ability to work with and around combustible and flammable gas and liquids.
- Sound knowledge hand and power tools use in Field operations.
- Excellent decision making skills and strong mechanical skills.
- Good written and verbal communication skills.
- Immense ability to follow plant and company processes.
- Exceptional ability to operate and troubleshoot pipeline and compressor equipment.
- Technical skills:
  - Electrical equipment maintenance.
  - Preparing Electric Material submittals.
  - Lighting designing by DIALUX.