

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 11 years hands-on experience working mainly in maintenance and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 03/03/1984  
Gender : Male  
Marital Status : Married  
Residence : Beni Suef

## EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Fayoum University, 2006
- : Pre-M. Sc. Postgraduate Studies (Electrical Power Generation & Utilization Dept.), Cairo University, 2008
- : Studying for M. Sc. in Power System Protection Engineering (Electrical Power Generation & Utilization Dept.), Cairo University, from 2010 till now

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD 2D
- : ETAP program
- : Ecodial program

## TRAINING COURSES AND CERTIFICATIONS

- : Protective maintenance basics and troubleshooting of power plant electrical equipment.
- : Power transformers testing, maintenance and protection.
- : Uninterruptable power supply (ups) and batteries maintenance.
- : Power generation systems.
- : Advanced electrical protection relays and schemes (for Siemens/Areva/ABB devices).
- : SIEMENS Gas insulated substations (GIS).
- : Hazardous area classification and electrical installations in hazardous area.

- : Electrical isolation procedures.
- : Power house generation and protection schemes.
- : Electrical earthing and grounding systems.
- : Advanced protection relays.
- : Electrical AC motors maintenance, control, protection, starting and operation.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2011 till now
- Employer** : Khalda Petroleum Company
- Project** : Salam Field Facilities
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Electrical preventive and corrective maintenance for turbotronic machine (turbines), M.V & L.V switchgear, power transformers, MV/LV motors and cables.
  - And electrical equipment used in the Oil and Gas or similar petrochemical industry.
  - Good understanding of technical manuals, drawings and using (standard handbook for electrical engineers & national electrical code NEC).
  - Work permit philosophy and hazard area activities precautions.
  - Technical studies preparing and adequate solutions exploring.
  - Preparing gas plant shutdown plan for inspection motors and electrical equipments.
  - Overall management, updating and measurement of all conditions based monitoring activities. HSE awareness.
  - Produce technical engineering reports and studies.
  - Ensuring that the reliability and availability of the plant equipment is meeting the assets original design criteria.
  - I attended the overall installations, Pre-Commissioning, Commissioning and start-up of Qasr production facilities phase two project all tests, start-up of the plant as Khalda Commissioning Team Engineer.

- Dates** : From 2010 till 2011
- Employer** : MEGA Company for electrical constructions and industries
- Job title** : Electrical Testing, Commissioning & Start-up Engineer
- Job Description** :
- In Sidi Krir Thermal Power Plant (500KV, 750MW):
    - Testing, commissioning and energizing of Main, Auxiliary and load centers transformers (21/500KV, 21/6.3KV, 6.3/0.4KV).
  - In EI-Kureimat Solar Station (140MW):
    - Testing, commissioning and startup 66KV Switchyard equipments (CB, DS, ES, CTs, VTs, BB and HV test).
    - Testing, commissioning and put in service for all the protection devices (OC, Distance, Diff...) concerning incoming, outgoing and bus couplers circuits.
    - Testing, commissioning and start-up DC system (Batteries, Chargers, UPS, ....).

**Dates** : From 2008 till 2010  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : El-Tebbin Thermal Power Plant (700MW)  
**Job title** : Electrical Installation & Commissioning Engineer  
**Job Description** :

- Review and give approval for the technical documents and drawings of different project contractors (GIS 220KV & 66KV, switchgear 6.6KV, transformers, motors...).
- Supervision, follows up, and gives approval for the power plant construction and installations activities (main generators, GIS, MV/LV switchgear, transformers and MV/LV motors, cables....).
- Supervision, follow up and give approval for Testing, commissioning and energizing of 220KV and 66KV Gas Insulated Switchyards (GIS).
- Supervision, follow up and give approval for Testing, commissioning and energizing of Main, Auxiliary and load centers transformers (21/220KV-480MVA, 21/6.3KV-60MVA, 6.3/0.4KV-1.6MVA).
- Supervision, follow up and give approval for Testing, commissioning and energizing of 220/66KV Tie Transformers.
- Supervision, follow up and give approval for Testing and Commissioning of Sub-station control system (SCS) for 220KV and 66KV sub-station.
- Supervision, follow up and give approval for Testing and commissioning of the power plant auxiliaries including the switchgear (6.3KV), load centers (400V), Motor Control Centers (400V MCCs), pumps' motors, fans' motors with different ratings and the protection schemes for the previous auxiliaries.
- Supervision, follow up and gives approval for Testing and commissioning of all protection relays for 220KV, 66KV switchyard (GIS) outgoing circuits and also the protection relays for tie transformers, main transformers and auxiliaries' transformers.
- Supervision, follows up, and gives approval for Testing and commissioning of the Direct Current "DC" system of the plant (UPS, DC chargers, batteries....) and the emergency diesel generator (EDG).
- I attended overall installations, tests, pre-commissioning, commissioning and start-up of El-Tebbin Thermal Power Plant as CEPC (Owner) Representative Engineer.

**Dates** : From 2006 till 2008  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : Shoubra El-Kheima Thermal Power Plant (1350MW)  
**Job title** : Electrical Maintenance Engineer  
**Job Description** :

- Protective and corrective maintenance of HV GIS switchyard (220KV).
- Protective and corrective maintenance of MV / LV switchgear, MV / LV motors, motor control centers (MCC) and protection relays.
- Protective and corrective maintenance of 220/20KV, 220/6.3KV and 6.3/0.4KV power transformers.
- Protective and corrective maintenance of UPS, DC chargers and batteries.

**Further experiences :** Worked as Electrical Instructor Engineer for ETAP program & some other Elec. Courses.