

Holds a B. Sc. in Electrical Power Engineering and has about 14 years' experience working in construction, commissioning, start-up, protection and maintenance with extensive knowledge of major equipment.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Suez

## **EDUCATION**

: B. Sc. in Electrical Power Engineering, El-Shorouk University, 2009

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Matlab  
: Visual Basic  
: C programming

## **TRAINING COURSES AND CERTIFICATIONS**

: EGYMAC & DOSSAN & HITACHI & VEOLIA & HYOSSUNG & XD CHINA (on-shore).  
: 1 month in South Korea in KPLI for maintenance training (off-shore).  
: 2 weeks in Japan in HITACHI for maintenance training (off-shore).  
: 2 weeks in Thailand in EGAT for maintenance training (off-shore).  
: Summer training at EDF (Electricite De France) in Suez Gulf Steam Power Plant (682MW) (2006).  
: IC DL (Windows & Office Int. Certificate).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Sep. 2020 till now  
**Employer** : OCI COMPANY / FERTIGLOBE

- Project** : EGYPTIAN FERTILIZERS COMPANY (EFC)  
Plant consists of:
- Two units AMMONIA / UREA FINAL PRODUCTION made by ThyssenKrupp.
  - Two SWITCHGEARs 66KV/6.3/0.4KV made by NATUS GERMANY.
  - Two turbines GENERATOR 25 MWATT made by ABB.
- Job title** : Senior Electrical Protection & Maintenance Engineer
- Job Description** :
- Electrical Maintenance and Protection Engineer for GIS & Generator & Water treatment system & all electrical system.
  - Insure safe, efficient and economical running of the unit.
  - Perform the technical analysis of the defects.
  - Follow and manage the field activities through the field engineers.
  - Prepare for the critical maintenance jobs.
  - Make periodical maintenance and predictive maintenance.
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- Dates** : From Jan. 2011 till Sep. 2020
- Employer** : East Delta Electricity Production Company
- Project** : El Ain Sokhna Power Station:
- 2 units supercritical 2x650MW gas and heavy oil fired.
  - 1 GIS system 500KV made by XD China.
  - 2 Turbines made by HITACHI.
- Job title** : Senior Electrical Protection & Maintenance Engineer
- Job Description** :
- Supervisor Engineer for construction during installation and that for GIS & Generator & protection & SWGR.
  - Start-up & Commissioning Engineer for GIS & Generator & protection & SWGR.
  - Electrical Maintenance & Protection Engineer for GIS & Generator & Water treatment system & all electrical system.
  - Insure safe, efficient and economical running of the unit.
  - Perform the technical analysis of the defects.
  - Follow and manage the field activities through the Field Engineers.
  - Prepare for the critical maintenance jobs.
  - Make periodical maintenance and predictive maintenance.
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- Dates** : From Dec. 2009 till Jan. 2011
- Employer** : East Delta Electricity Production Company
- Project** : Ayoun Mousa Power Station:
- 2 units supercritical 2x320MW gas and heavy oil fired.
  - 2 GIS systems 220KV, 500KV made by ALSTOM.
  - 2 Turbines made by SIEMENS.
- Job Description** :
- Electrical Engineer for protection systems and GIS.
  - Insure safe, efficient and economical running of the unit.
  - Perform the technical analysis of the defects.
  - Follow and manage the field activities through the Field Engineers.
  - Prepare for the critical maintenance jobs.
  - Make periodical maintenance and predictive maintenance.

- Dates** : From Jul. 2009 till Dec. 2009
- Employer** : China Egyptian for HV Cables
- Job title** : Electrical Maintenance & Production Engineer
- Job Description** : Responsible for maintenance of machine that produce cable and production of cable.
- Field of experience** : Proficient or familiar with a vast array of construction, commissioning and maintenance in Power Plants, including:
- GIS maintenance and protection and SCS.
  - Switchgear, protection and programming EMCS.
  - Generators (Excitation and AVR), Transformers (HV, MV), Motors (LV & MV).
  - Partial discharge analyses for GIS and generator and motor and transformer.
  - Maintenance, Troubleshooting, Protection.
  - DCS, Instrumentation, PLC.
  - Fire Fighting techniques and equipments.
  - Water treatment and desalting and HYPO maintenance.