

Holds a B. Sc. in Electrical Power & Machines Engineering and a Diploma in Electrical Power. Has about 5 years hands-on experience working in design, maintenance and operation.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 13/03/1989  
Gender : Male  
Marital Status : Single  
Residence : Talkha

## EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2011
- : Diploma in Electrical Power, Mansoura University, 2012
- : M. Sc. Preliminary stage in Electrical Machines & Power Engineering, Mansoura University, 2015

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

- : Windows, MS Office, Internet
- : MATLAB – ATP – Power World – LabVIEW
- : Man-Machine interface software

## TRAINING COURSES AND CERTIFICATIONS

- : Advanced course of Programmable Logic Control (PLC).
- : Advanced course of Microcontroller and Classic control.
- : Advanced Course of SCADA systems.
- : Advanced Course of AutoCAD Electrical.
- : Advanced course in the Principle of Control and Electrical Extension.
- : Advanced course in Hazard Areas & Hazard Instruments.
- : At Middle Delta Electricity Production Company:
  - Operating and monitoring Gas turbines with combined cycle units.
  - Electrical Protection of Gas turbines with combined cycle units.
  - Fire fighting in power plants.

- : Training at Khalda Petroleum Company, Marsa Matrouh (2009-2010).
- : Summer trainings at:
  - Talkha Power Station (turbines) (2009-2010).
  - In the power station different stations and fields (2010).
  - Suez Oil Company (SUCO), RAS FANAR Fields (Jul./Aug. 2010).
- : Matlab and Simulink certification: Matlab training and test (UTC Mansoura) (2010).
- : English conversation course from AUC.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2015 till now
- Employer** : DELTA Fertilizers & Chemical Industries
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Working on Ac Drive Motors (Inverters) Updated from Dc Motors.
  - Maintenance of (66/11KV) and (11KV/380 v) transformers.
  - Inspection and commissioning of the new electrical equipment at the manufacturers factories and approving it.
  - Installation of the company new projects i.e. Medium and Low distribution panels, Transformers.
  - Performing repair and maintenance works for the distribution site equipment.
  - Performing protection, inspection and maintenance works for the distribution networks protection points and configuring the protection devices and relays according to the protection scheme plan.
  - Performing maintenance and troubleshooting works for malfunctioning signals and indications for the SCADA system of monitoring the company network status.
  - Performing retrofit works for the network old equipment i.e. Distribution Panels and make use of the good spare parts.
  - Diagnose and resolve day-to-day operational and technical problems.
  - Presenting technical reports about the network protection devices configurations.
  - Responsible for implementation of a Routine schedule for test activities for operational activities to assure the high availability of all plant components.
  - Constructing Daily Reports of station status and support the Operation departments with daily activities.
  - Operating and monitoring the Fire Fighting System of the station.
  - Utilizing computerized Plant Management System to report any malfunctioning or faulty plant equipment in the station.
- Dates** : From Apr. 2013 till Apr. 2015
- Employer** : Arab Co. for Environmental Engineering (EcoTech)
- Job title** : Electrical Design & Maintenance Engineer
- Job Description** :
- Design & implement panels for control motors.
  - Star-Delta starting and soft starter connection.
  - Working on solving AC motor's problems and electrical installations.
  - Working at any automation system like PLC.

- Processing most of control and protection devices.
- Maintenance of Transformers, Diesel Generators and Circuit Breakers.
- General experience in mechanical maintenance.

**Dates** : From Dec. 2012 till Apr. 2013  
**Employer** : Misr Italy Group for Food Industries  
**Job title** : Electrical Operation & Maintenance Engineer  
**Job Description** :

- Design Panels of improving power factors.
- Working at any automation system like PLC, SCADA.
- Working on solving AC motor's problems and electrical installations.
- Processing all control devices such as "Danfuss inverter, Jolly2 weight indicators and RJT12 power factor controller.
- Programming all thermostat devices "Eliwell, Ako and Fullgauge".
- General experience in mechanical maintenance.

Skills:

- Have the leadership personality aspects and work with a teamwork or individual.
- Ability to ensure my own safety and safety of all teamwork by complying with plant safety regulations.
- Ability to assist my managers and decision makers by giving accurate technical reports.
- Experience of working with foreigners in many Minor and Major inspections and upgrading processes at DELTA Fertilizers.
- Experience of being a supervisor of many teamwork groups as my graduation project and many work permits in DELTA Fertilizers.
- Ready to take the training periods that you decide it is necessary to be qualified and well tested.
- Ready to travel either inside or outside the country for extended periods and able to fit in multinational environments under any conditions.