

**101027-MEC-MO-E-2010**  
**Electricity Distributors Maintenance Engineer**

Holds B. Sc. and M. Sc. in Mechanical Engineering and has over 8 years hands-on experience working in maintenance and operation.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/12/1987  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2010  
: M. Sc. in Mechanical Engineering, Alexandria University, 2015

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fair

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Microsoft Project, Primavera p6  
: AutoCAD 2D, AutoCAD 3D  
: AutoCAD MEP, AutoCAD P&ID  
: ESS, MATLAB Surfer  
: FORTRAN power station, Pipe sizing

## TRAINING COURSES AND CERTIFICATIONS

: TOEFL Course, Alexandria University (Feb. 2014).  
: ICDL (International Computer Driving License) Certificate, Alexandria University (Dec. 2013).  
: Pumps maintenance and Troubleshoot (80 Hrs. Technical Course), Vocational Training Center (Nov. 2010).  
: Soft skills (Presentation, Negotiation, Delegation and Positive First Impression) (15 Hr. Technical Course), Vocational Training Center (Jul. 2010).

- : Internships:
  - Mitsubishi (Nov. 2010 – Dec. 2010): Studied Operations of steam turbines and its auxiliaries.
  - Ansaldo Caldaie (Jul. 2010 – Sep. 2010): Studied Operations for water tube and fired tube boiler.
  - Sulzer Pumps (Jun. 2010 – Jul. 2010): Studied the operation and maintenance of centrifugal and reciprocating pumps.
  - Sidi Krir Power Station (Jun. 2009 – Jul. 2009): Studied the overall power station cycle (Gas turbine & combined cycle), turbine & boiler main components and its overall maintenance.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2021 till now
- Employer** : AEDC
- Job title** : Electricity Distributors Maintenance Engineer
- Job Description** :
  - Planning and undertaking scheduled maintenance.
  - Responding to breakdowns.
  - Diagnosing faults.
  - Repairing Distributors equipment.
  - Supervising engineering and technical staff.
  - Ensure all site safety.

- Dates** : From Feb. 2014 till Jan. 2021
- Employer** : West Delta Electricity Production Company
- Job title** : Utilities Engineer
- Job Description** :
  - Operating steam turbines and utilities' normal operations.
  - Plan and executes start-up and shutdown of utilities.
  - Ensuring that all steam power station equipment is running normal.
  - Performing the required testing on steam turbines and utilities equipment in the power plant.
  - Preparing the work permits for the faults of the power station equipment that needs maintenance.
  - Making daily site tours to monitor and record all readings and notification. This is also done whenever an abnormal action happens.
  - Analyzing the records with respect to the set points limitations.
  - Setting the load to the national control requirements and making sure that all the equipment are running smooth.
  - Perform the electrical and mechanical isolation and release for the maintained equipment.
  - Change over between the running equipment to ensure that they are working well.

- Dates** : From Jul. 2012 till Jan. 2014
- Employer** : West Delta Electricity Production Company
- Job title** : Maintenance Planning Engineer
- Job Description** :
  - Developing task instructions.
  - Identifying tool and equipment requirements.

- Developing job material lists.
- Coordinating with operations, purchasing, materials management, maintenance personnel and maintenance management.
- Anticipating and eliminating potential delays through planning, scheduling, and coordination of maintenance resources, parts, materials, and equipment access.
- Report to the maintenance manager.
- Planning and coordination of all planned maintenance activities performed at the site.
- Planning and scheduling for shutdowns (major and minor) using Primavera P6:
  - Gantt charts.
  - Critical Path Analysis.