

100515-ELE-3CEMOQSTyz-E-2010

Senior Operation & Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 9 years hands-on experience working in maintenance, operation, testing and commissioning at distribution sector.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/08/1988
Gender : Male
Residence : Obour City, Qalubia

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Power World (which utilization for Power System Analysis)

TRAINING COURSES AND CERTIFICATIONS

: General English Language Courses in The American University in Cairo; Lower Elementary II (3IU`s).
: AutoCAD Course in the General Authority for Educational Buildings.
: Training course in the testing and repair of medium voltage cables 12 & 24KV train north of Cairo Electricity Distribution Co. Center.
: Training course in the low-voltage cables and maintenance work on cables train north of Cairo Electricity Distribution Co. Center.
: Training course in the tasks and duties of an engineer and re-rosey power train north of Cairo Electricity Distribution Co. Center.
: Training course in the rationalization of electricity and the study of natural energy (such as wind & solar) train north of Cairo Electricity Distribution Co. Center.
: Training course in the work of links with cables all cable segments from the manufacturer (Swedish company) training in North Cairo Electricity Distribution Co. Center.

- : Training course in how to use a thermal camera manufacturer (Fluke) train north of Cairo Electricity Distribution Co. Center.
- : Training in administrative affairs and the affairs of the stores and the work of a feasibility study of the projects and how the bidding for the company cycle.
- : Training course on rationalization and renewable energy training in North Cairo Electricity Distribution Co. Center.
- : Training course on Technical specification for 12 & 24KV main units Air load break switch training in North Cairo Electricity Distribution Co. Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2020 till now

Employer : North Cairo Electricity Distribution Company

Job Description :

- Senior Operation and Maintenance Engineer at the General Administration of Transit Networks.
- Management and supervision of the electrical rooms section of the medium voltage Department 24KV in North Cairo Electricity Distribution Sector – Heliopolis - Obour City.
- Preparing a plan for operating and developing the network, strengthening it and supervising the operation of more than 10 transformer.
- Developing a traffic plan for all electrical tasks, setting up a program for preventive maintenance of transformer booth, antenna networks, medium voltage panels and terminal boxes.
- Receiving transformer rooms, electrical equipment for private establishments companies and Obour City services Authority; supervising the implementation, receipt of national projects owned by the armed forces, such as the elmahrousa2 project, supervising the implementation of the new transit of the Obour city Authority.

Dates : From Aug. 2019 till Jan. 2020

Employer : North Cairo Electricity Distribution Company

Job Description :

- Operation and Maintenance Engineer at the General Administration of Transit Networks.
- Management and supervision of the electrical rooms section of the medium voltage Department 11KV in North Cairo Electricity Distribution Sector – Helmeya sector - Marg.
- Preparing a plan for operating and developing the network, strengthening it and supervising the operation of more than 30 transformer.
- Developing a traffic plan for all electrical tasks, setting up a program for preventive maintenance of transformer booth, antenna networks, medium voltage panels and terminal boxes.
- Receiving transformer rooms and electrical equipment for private establishments and companies; supervising the implementation and receipt of national projects owned by the armed forces such as the Ahalina 1 project.

Dates : From Sep. 2016 till Jul. 2019

Employer : North Cairo Electricity Distribution Company

Job Description : • Operation and Maintenance Engineer at the General Administration of Transit Networks.

- Management and supervision of Design and Load Department Low voltage in North Cairo Electricity Distribution Sector – Helmeya sector - Marg.
- Measuring the facility to which the electric current is to be connected and calculating the maximum load percentage according to the type of residential and commercial activity and electrical distribution for lighting system, power and light current.
- Calculations of cables and electrical circuit equivalent load.
- Supervising the receipt of the transformer room and supervising the implementation of the specifications and safety rules.
- Developing a plan to operate new transformer rooms that exceed their rated load.
- Measuring the loads of cables and making the required adjustments to alleviate the tasks that exceed the rated load.

Dates : From Sep. 2015 till Aug. 2016

Employer : North Cairo Electricity Distribution Company

Job title : Head of the Loads Department

Job Description : • Supervise the low voltage Department.

- Follow-up actions rosy restore power and activating the role of the thermal camera to work in North Cairo Electricity Distribution Sector – Helmeya sector - Marg.
- Manage and Supervise the Loads Department that contains 10 technicians including the distribution of a work areas among technicians and specializes in all task force area they were pass periodic network components and measuring the loads and work solutions to high loads and work required modifications to reduce the high loads and work conceived and comprehensive survey of the rooms required run transformers the work report is an action plan and visualize a comprehensive per square to an end by drawing the network components on the boards and fee proposals and amendments to get to a stable network and the face of the continuous increase in energy demand by the perception that it is placed to run a new transformer rooms.
- Manage and Supervise the implementation of the proposed amendments and measure loads after amendment by Avometer device and thermal camera to make sure that the edited properly to get good load of cables which 80% of the rated load of the cable on the sense cable clip space and follow-up plan, which had been developed to operate the new adapters rooms in order to get downloadable ideal adapter which is 80% of the campaign by the converter's ability.
- Receipt the complains of subscribers of the outage or fluctuation in the effort either by referring Boundaries re-power or by private email complaints of citizens at the Ministry of Electricity site or via the hotline for the complaints and the examination of the complaint and work to resolve the problem in cooperation with the low voltage for teams Using the subscriber's own cable repair or replacement and renovation work of the subscriber's own cable.
- Follow-up maintenance work and follow-up faults; the faults compared to

a daily low voltage and if found to malfunction frequently go to it, study the situation and work to resolve the holidays so as not to be repeated to ensure the power supply quality and stability in the effort subscribers.

- To work on activating the thermal camera at the work site before maintenance and after maintenance or pre-reform and post-reform to know the temperature of the tasks that have been the work of maintenance or her that have been changed in order to avoid increase of temperature that can lead to breakdowns or explosions.

Dates : From Jan. 2015 till Aug. 2015
Employer : North Cairo Electricity Distribution Company
Job Description :

- Head of the Electrical nutrition and public administration quality of the quality of the Chairman of the North Cairo Company for the distribution of electric power department of nutrition, Helmeya sector, Marg Networks.
- Target: Overseeing the work of the network and overseeing the quality of work to ensure the quality of electricity and electrical continuity of good nutrition to subscribers.
- Supervise and review the maintenance and confirm existing data maintenance books to go to work on the nature and work of the comprehensive report and write notes, if any, and supervision to avoid them while continuing to ensure the quality of the electricity subscribers.
- Review all the data recorded on the computer all the ATMs in all departments and work on standardization by linking sections, including the completion of the work and the rest of it.
- Action Herbal network belonging to the Department of medium voltage and the Department of the low voltage section assays and the Department of counters and the Department of loads and the Department of transformer rooms and department funds components and traffic by month during the year and report on the overall situation of the components of the network and write notes and guidance notes for each section respective speed to avoid them and work on them .
- The work of a monthly report from the network business and the elevation of the Chairman of the Board of Directors by the General Administration of the quality of power supply.

Dates : From Jan. 2014 till Dec. 2014
Employer : North Cairo Electricity Distribution Company
Job Description :

- Head of the Low Voltage Department and Rosy restore power in North Cairo Electricity Distribution Sector, Helmeya sector, Marg Networks.
- Supervision of the medium voltage Department which contains of 30 technicians are working 24-hour shift system and faults daily and make adjustments and balancing the loads to reduce the number of faults and a comprehensive inventory of all frequent faults in cables and the work of replacement and renovation of the cables and the work plan for the comprehensive maintenance of existing funds distribution network.
- Supervision and preparation of the plan to address the development and continuous increase request these power and put a general perception of the network and identify high places in loads and put amendments and Solve overload problems to loads department and put the plan to address these areas and dismantling of bottle necks, taking into account

the ongoing increase in the network.

- Supervising the work of rosy restore power and manage 30 Technicians to excuse the required work over 24 hours and tasks receive complaints from subscribers and send a technicians to investigate of the complaint and respond immediately with evidence to solve the problems.

Dates : From May 2012 till Dec. 2013
Employer : North Cairo Electricity Distribution Company
Job Description :

- Testing Engineer in North Cairo Electricity Distribution Sector – Helmeya sector - Marg.
- Expediting, Inspection and Testing for the following materials and Equipment's before Delivery:
 - Electrical power Cables.
 - Maintenance Operations for Medium Tension Cables in the Entire Networks of El Marg and other networks which belongs to North Cairo Electricity Distribution Co.
 - Identification of Fault Locations in Low & Medium Tension Cables by using Cable Test Vans (HDW 5000.32) & (Saba KMT).
 - Supervising & Management of 15 Technicians for Welding Joints for Maintenance.
 - Supervising the implementation of the projects of acts DC cables by drilling in accordance with the technical specifications or work Treat to put the cables out, work connections, the work ends and test the validity of cables, transportation terminals and connecting network for injection, feeding stations and chambers of the new transformer cables.

Dates : From Mar. 2011 till Apr. 2012
Employer : General Authority for Educational Buildings
Job Description :

- Design Engineer in General Authority for Educational Buildings Branch administration in Nasr City beside Alahly Club.
- Modifications and designs on the schools building program AutoCAD worked for one month.