

Holds a B. Sc. in Electrical Engineering (Communication & Electronics) and has about 11 years experience working in testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/09/1989
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

- : B. Sc. in Electrical Engineering (Communication & Electronics), Misr Academy for Engineering and Technology, 2011
- : Pre-Masters Diploma of Electrical Power Engineering, Mansoura University, 2022
- : Studying for M. Sc. in Electrical Power Engineering, Mansoura University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Special Service Training Course on Centrix by Megger, Radeburg – Dresden, Germany (Oct. 2019).
- : Advanced level for operation of Electrical Power Cable Fault finding by Megger, Radeburg – Dresden, Germany (Oct. 2019).
- : Training of trainer's course by Egypt Holding Company of Electricity (Sep. 2019).
- : Cable Fault Location Training using the Centrix 3-80 test van by Megger, Radeburg – Dresden, Germany (Dec. 2017).
- : Auto Recloser Short Course by North Delta for Electricity and Distribution (Jan. 2017).
- : Advanced level for operation of Electrical Power Cable Fault finding and Route tracing by Megger, Radeburg – Dresden, Germany (Jul. 2016).
- : GIS short course by North Delta for Electricity and Distribution (May 2014).

- : Summer trainings:
 - Vodafone Egypt as a Technical Support Engineer (2010)
 - Huawei Egypt section of communication towers as a Drive Test Engineer (2009).
 - TE Data internet service provider as a Core Technical Support Engineer (2008).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2017 till now
- Employer** : North Delta for Electricity and Distribution
- Job title** : Head of Cable Testing Dept.
- Job Description** :
- Testing and Diagnoses for electrical power cable.
 - Locating faults of electrical power cable with minimum risk.
 - High level experience of locating faults using several models of test van such like Hagenuk R20, Seba KMT and Megger Centrix systems.
 - Lead a team of expert cable engineers and allocates duties to them.
 - Act personally to ensure quick restoration of supply in case of loss of supply to sensitive consumers.
 - Guide the Engineers both in the field as well as in control for quick restoration of supply in case of system breakdown.
 - Attend to the priorities for the cable faults location, repairs & replacement of the old cables, switchgears and transformers.
 - Prepare the operational memorandum with the introduction of new equipment and changed situation.
 - Study and analyze the cable faults and weakness of the system to take remedial actions.
 - Make the annual evaluation for engineers and technicians.
 - Share preparation of the technical Evaluation of the new cable's contracts with other concerned staff.
 - Share preparation of the technical Evaluation of the required materials either new or existing.
 - Share experiences with the other related Sections/Departments for introduction of the latest technology in the field of Electricity Distribution.
 - Coordinate with other sections to execute cables work in high quality manners, confirm quality of work and updating all records by all concerned staff.
 - Follow up Repairing of cable faults in the 11KV & 415V network from reporting to restoration of supply.
 - Lead training courses for test vans equipment operation at NDED training center (ELFARDOS center).
 - Prepare test Equipment specification.
 - Member of unified specification department at EEHC.
 - Member of authority of tender analysis at NDED.
 - Applying Occupational health and safety policies on sites.
 - Supervision of power cables and cable accessories installation.
 - Supervision of cable acceptance tests at site for new projects.
 - Providing necessary support in day to day maintenance of power network cables such as preventive and corrective maintenance, installation, commissioning and troubleshooting of cables in line with

established guidelines to maintain equipment integrity and operational efficiency.

- Ensure the quality of joints and termination of low and medium voltage cables.
- Support troubleshooting and maintenance of test equipment for several types of brands specially test vans.
- Leading negotiations and finalizing contracts with test equipment suppliers.

Dates : From 2021 till now

Employer : UMR Industries

Job title : Part Time Cable Accessory Consultant

Job Description :

- Lead the new project of Cold shrink LSR cable joint manufacturing.
- Confirming the new designs and preparation for the production line.
- Communicate with the European consultant.
- Witness the type tests for new LSR joint product.
- Supervision the routine tests for the production line for both joints and terminations.
- Communicate with test equipment European manufacturer for troubleshooting, fixing and calibrating the instruments.

Dates : From 2012 till 2017

Employer : North Delta for Electricity and Distribution

Job title : Power Cable Testing & Commissioning Engineer

Job Description :

- Testing and diagnoses for power cables using different techniques like AC, DC, VLF, Tan Delta and Partial Discharge.
- Locating faults of power cables with minimum risk using worldwide Methods such as ARC reflection method, Impulse method, Decay Method and Burning Method.
- Providing service and troubleshooting for model Centrix 2.0 system.
- Support all tests required for MV transformer.
- Making site tests for insulator, switchgear and surge arrestor.
- Provide Dielectric strength Test for power transformer oil.
- Applying occupational health and safety policies on sites.
- Troubleshoot and resolve technical issues in power systems.
- In-depth understanding of electrical codes, standards and safety.

Dates : From 2011 till 2012

Employer : Tiba Group

Job title : Service Engineer

Freelance Projects and Achievements:

- Lead training of cable testing and fault locating for officers' engineers at the Egyptian Military Engineering Authority on system Centrix 2.0 at 2018.
- Lead a training of cable testing and fault location for Madinty Power Company stuff on system Seba classic at December 2020.
- Establish and setup a high voltage lab for UMR Industries at 2021 as

following:

- Collecting and commissioning a shield room for Partial discharge measurement.
- Commissioning and operating 150KV ac tester with PD measurement.
- Commissioning and operating 200KV ac tester with Tan Delta measurement.
- Commissioning and operating 400KV impulse tester.
- Commissioning and operating 80KV DC system with total leakage current measurement.
- Cooperate with CR5 Company the Chinese contractor of Egypt LRT project doing tests for Surge arrester 20KV and 27.5KV on site.
- Witness type test at VEIKI-VNL Electric Large Laboratories Ltd- Hungary for cable joints and termination 24KV and 36KV according to the standard IEC 60502-4 at April 2023.
- Arrange preparations for short circuit test sequence by installation of full underground cable lines with accessories at VEIKI-VNL Electric Large Laboratories Ltd - Hungary at August 2023.