

100795-ELE-2MSTyz-E-2005
Manager of Transformers Substation

Holds a B. Sc. in Electrical Power Engineering and has over 15 years hands-on experience working in maintenance, operation, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/11/1980
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Electrical Power Engineering, Suez Canal University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Training at Nasser Petroleum Company (Suez) (Aug./Sep. 2002).
: Training at Electrical Company at Suez (Aug./Sep. 2003).
: Transformer testing and maintenance, Networks Training Center (Jul./Aug. 2006).
: Management of fire-fighting in Suez (Jun./Jul. 2009).
: Workshop on leadership (Dec. 2013).
: AutoCAD 2D 2015 (Jan. 2016).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2020 till now
Employer : Egyptian Electricity Transmission Company
Job title : Manager of Suez Steel Transformers Substation 220/33/6.6KV

- Dates** : From Feb. 2016 till Oct. 2019
- Employer** : Alghihaz Holding Contracting Company (GeSco Sector) (Saudi Arabia)
- Projects** :
 - MIC Substation 380/110/33/13.8KV (ALMADINA ALMUNAWARA)
 - ALKHALIDIYA Substation 110/13.8KV (ALMADINA ALMUNAWARA)
 - ALMANAR Substation 110/13.8KV (GEDDAH)
 - ALTHAGER-3 Substation 110/13.8KV (GEDDAH)
 - ALAZIZYA-4 Substation 110/13.8KV (MAKKAH ALMUKARAMA)
 - ALNASEEM Substation 110/13.8KV (MAKKAH ALMUKARAMA)
 - ALHARAM Substation 110/13.8KV (MAKKAH ALMUKARAMA)
 - ALMISFALAH Substation 110/13.8KV (MAKKAH ALMUKARAMA)
 - ALSAIL ROAD Substation 110/13.8KV (MAKKAH ALMUKARAMA)
 - MAKKAH HOUSING Substation 380/110/13.8KV (MAKKAH ALMUKARAMA)
- Job title** : Testing & Commissioning Senior Engineer (Approved from SEC)
- Job Description** : Testing for:
 - Power Transformers (110/13.8/6.6) (380/110/13.8) KV (Siemens, Best, Hyosung, Hyundai, GE):
 - Transformer turns ratio.
 - Winding resistance.
 - Insulation resistance (megger test).
 - Calibration of winding and oil temperature sensors.
 - Oil breaker down voltage (B D V).
 - Magnetizing current test (No load test).
 - Vector group test.
 - Secondary current injection for winding temperature indicator.
 - Functional check.
 - Cooling system check (IR test, starting, running current for fans).
 - Tan δ test.
 - BCT test.
 - Short Circuit Impedance test.
 - Zero Sequence Impedance test.
 - On load tap changer test (OLTC).
 - Frequency Response Analysis (FRA) test.
 - Magnetic balance test.
 - Scheme check MK & MDU Panel.
 - Auxiliary Transformers (13.8KV/400v) (Utec, Stc, Elfanar):
 - Transformer turns ratio.
 - Winding resistance.
 - Insulation resistance (megger test).
 - Calibration of winding and oil temperature sensors.
 - Magnetizing current test (No load test).
 - Short Circuit Impedance test.
 - Vector group test.
 - Tan δ test.
 - Frequency Response Analysis (FRA) test.
 - Gis 110KV (Hyosung, Hyundai):
 - CT test.
 - VT test.
 - C.B test.
 - 10KV test.
 - Gauges Calibration test.

- Contact Resistance test.
- Switchgear 13.8KV-33KV (ABB, Elfanar):
 - CT test.
 - VT test.
 - C.B test.
 - Contact Resistance for earth switch.
 - 10KV test.
- Capacitor Bank:
 - Insulation Resistance test.
 - Tan δ test.
 - Check Capacitance, Reactance with (LCR) Device.
- MV Cables:
 - IR test between core and earth before and after HV test.
 - IR test between sheath and earth before and after HV test.
 - HV test.
- Surge Arrestors:
 - IR test before HV test.
 - IR test after HV test.
 - HV test.
- NER:
 - IR test.
 - Winding Resistance.
 - CT test.

Dates : From Jun. 2014 till Nov. 2015
Employer : Dar Albena Contracting (Saudi Arabia)
Project : Alhaditha Customs Outlet (Alqurrayat)
Job title : Senior Site Electrical Engineer Operation & Maintenance

Dates : From Jun. 2006 till Jun. 2014
Employer : Egyptian Electricity Transmission Company
Project : Transformers Substation at El Ezz Flat Steel (220/30KV)
Job title : Operation & Maintenance Engineer

Dates : From Nov. 2005 till Jun. 2006
Employer : Ceramica Cleopatra Company
Job title : Maintenance Engineer