

Holds a B. Sc. in Electrical Engineering and has more than 19 years experience working in testing field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 16/02/1979  
Gender : Male  
Marital Status : Single

## EDUCATION

: B. Sc. in Electrical Engineering, Alexandria University, 2002

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2016 till Sep. 2019  
**Employer** : ALI A. AL-TAMIMI TRADING & CONTRACTING CO.  
**Job Description** :

- TRANSFORMER TESTING.
- TRANSFORMER MAINTENANCE.

**Dates** : From Mar. 2009 till Nov. 2016  
**Employer** : ARABIAN BEMCO CONTRACTING CO.  
**Job Description** :

- 380KV SIEMENS SYSTEM VOLTAGE COMPENSATION (SVC) ALMADINAH ALMUNAWWARAH (from Jun. 2016 till Oct. 2016).
- 380KV SIEMENS SYSTEM VOLTAGE COMPENSATION (SVC) HAIL (from Jun. 2016 till Oct. 2016).
- 110/13.8KV AZIZYAH SUBSTATION – MAKKAH ALMUKARRAMAH (from Apr. 2015 till Oct. 2015).
- CONVERSION OF QURAYYAH OPEN CYCLE POWER PLANT TO COMBINED CYCLE POWER PLANT PROJECT – C + QURAYYAH COMBINED CYCLE POWER PLANT EXTENSION 1 PROJECT (BLOCK 6) PROJECT C + BLOCK 6 EXTENSION (from Oct. 2011 till

Jul. 2014).

- TESTING OF GENERATOR STEP-UP POWER TRANSFORMERS (GSU) - MANUFACTURER: HYUNDAI HEAVY INDUSTRIES CO. - 400 / 18KV – 130 / 180 MVA – ONAN / ONAF – YNd1.
- TESTING OF GENERATOR STEP-UP POWER TRANSFORMERS (GSU) - MANUFACTURER: AREVA T&D ENERJI INDUSTRIASI A.S. (ALSTOM) - 400 / 18KV – 290 / 386 MVA – ONAN / ONAF – YNd1.
- TESTING OF STATION TRANSFORMER (ST) - MANUFACTURER: AREVA T&D ENERJI INDUSTRIASI A.S. (SCHNEIDER) - 18 / 13.8KV – 42 / 56 MVA – ONAN / ONAF – Dyn11.
- TESTING OF UNIT AUXILIARY TRANSFORMER (UAT) - MANUFACTURER: AREVA T&D ENERJI INDUSTRIASI A.S. (SCHNEIDER) - 18 / 4.16KV – 18.75 / 25 MVA – ONAN / ONAF – Dyn11.
- TESTING OF STATION AUXILIARY TRANSFORMER (SAT) - MANUFACTURER: AREVA T&D ENERJI INDUSTRIASI A.S. (SCHNEIDER) - 13.8 / 4.16KV – 18.75 / 25 MVA – ONAN / ONAF – Yyn0.
- TESTING OF AUXILIARY TRANSFORMERS - MANUFACTURER: AREVA T&D ENERJI INDUSTRIASI A.S. (SCHNEIDER) - 13.8 / 0.48KV AND 4.16 / 0.48KV.
- TESTING OF AUXILIARY TRANSFORMERS - MANUFACTURER: WESCOSA - 13.8 / 0.48KV AND 4.16 / 0.48KV.
- TESTING OF DRY TYPE TRANSFORMERS - MANUFACTURER: Hainan Jinan Electric Co. – China - 18 / 0.84KV AND 4.16 / 0.48KV.
- TESTING OF DRY TYPE TRANSFORMERS - MANUFACTURER: S.E.T.F. (SAUDI ELECTRICAL TRANSFORMERS FACTORY).
- 132KV SUBSTATION WORKS ASSOCIATED WITH THE INTEGRATION OF QURAYYAT GENERATION EXPANSION (from Jul. 2011 till Oct. 2011):
  - TESTING OF STEP-DOWN POWER TRANSFORMERS – SIEMENS THREE WINDINGS TRANSFORMERS 132 / 33 / 13.8KV – 100 MVA.
  - TESTING OF SURGE ARRESTERS.
- PNUFW PROJECT (PRINCESS NOORA BINT ABDULRAHMAN UNIVERSITY FOR WOMEN PROJECT – RIYADH (from Oct. 2010 till Jul. 2011):
  - TESTING OF AUXILIARY DRY TRANSFORMERS (13.8 / 0.4KV).
  - TESTING OF RMUs (Schneider: 4 WAYS – 5 WAYS – 7 WAYS SWGRs).
- KAAU PROJECT (KING ABDULAZIZ UNIVERSITY PROJECT – JEDDAH) (Sep. 2010):
  - TESTING OF 13.8 / 4.16KV – OIL IMMERSED WESCOSA TRANSFORMERS.
  - TESTING OF 13.8 / 0.38KV – DRY TYPE TRANSFORMERS.
- RPP – 10 PROJECT (RIYADH POWER PLANT # 10 PROJECT) (from May 2010 till Sep. 2010):
  - TESTING OF GENERATOR STEP-UP TRANSFORMERS (GSUs) – HYUNDAI THREE WINDINGS TRANSFORMERS - 380 / 13.8 / 13.8KV – 225 MVA.

- TESTING OF AREVA AUXILIARY TRANSFORMERS – 13.8 / 4.16KV – 9 MVA.
- TESTING OF WESCOSA AUXILIARY TRANSFORMERS – 13.8 / 0.38KV.
- TESTING OF WESCOSA AUXILIARY TRANSFORMERS – 4.16 / 0.38KV.
- QCCPP – II PROJECT (QURAYYAH COMBINED CYCLE POWER PLANT #2 PROJECT) (from Mar. 2009 till May 2010):
  - TESTING OF GENERATOR STEP-UP TRANSFORMERS (GSUs) – PROLEC – GE – TWO WINDINGS TRANSFORMER 380 / 18KV – 180 MVA.
  - TESTING OF FORTUNE UNIT AUXILIARY TRANSFORMERS – 18 / 4.16KV – 25 MVA.
  - TESTING OF PROLEC – GE STATION TRANSFORMERS – 18 / 13.8KV – 45 MVA.
  - TESTING OF WESCOSA AUXILIARY TRANSFORMERS – 4.16 / 0.48KV.
  - TESTING OF DRY TYPE TRANSFORMERS – 4.16 / 0.48KV.

- Dates** : From Oct. 2004 till Mar. 2009
- Employer** : EETC (EGYPTIAN ELECTRICITY TRANSMISSION CO.) - TRANSFORMERS TESTS AND HIGH VOLTAGE TESTS DEPARTMENT
- Job Description** :
  - POWER AND AUXILIARY TRANSFORMERS TESTING.
  - CIRCUIT BREAKERS TESTING (TIMING – CONTACT RESISTANCE – HI-POT TESTS).
  - HI-POT TESTING FOR ALL SWGR COMPONENTS.
  - POWER CABLES HI-POT TESTS.
  - EARTH RESISTANCE MEASUREMENT TESTS.
- Field of experience** :
  - PERFORMING ALL TESTS FOR EHV TRANSFORMERS ALONG WITH ALL THEIR PROTECTION DEVICES, MONITORING DEVICES, CONTROL CIRCUITS AND ON-LOAD TAP CHANGERS.
  - FAMILIAR WITH THE FOLLOWING TESTS:  
TRANSFORMERS TESTING:
    - INSULATION RESISTANCE MEASUREMENT TESTS.
    - TRANSFORMER WINDINGS RESISTANCE MEASUREMENT TEST.
    - TRANSFORMER TURNS RATIO MEASUREMENT TEST.
    - VECTOR GROUP CHECK TEST.
    - CAPACITANCE AND DISSIPATION FACTOR MEASUREMENT FOR WINDINGS TEST (2 WINDINGS AND 3 WINDINGS).
    - CAPACITANCE AND DISSIPATION FACTOR MEASUREMENT FOR BUSHINGS TEST.
    - MAGNETIZING CURRENT MEASUREMENT TEST.
    - MAGNETIC BALANCE TEST.
    - SINGLE PHASE IMPEDANCE MEASUREMENT TEST.
    - ZERO SEQUENCE IMPEDANCE MEASUREMENT TEST.
    - SHORT CIRCUIT IMPEDANCE MEASUREMENT TEST.
    - SWEEP FREQUENCY RESPONSE ANALYSIS TEST (SFRA) (2 WINDINGS AND 3 WINDINGS).
    - DIELECTRIC FREQUENCY RESPONSE ANALYSIS TEST (DFRA)

- (2 WINDINGS AND 3 WINDINGS).
- BUSHING CURRENT TRANSFORMERS TESTS.
- TESTING AND CALIBRATING TEMPERATURE INDICATORS (BY HEATING AND CURRENT INJECTION).
- TESTING OF BUCHHOLZ RELAYS.
- TESTING OF PRESSURE RELIEF DEVICES.
- TESTING OF RAPID PRESSURE RELAYS.
- TESTING OF PRESSURE RELAYS.
- TESTING OF OIL FLOW RELAYS FOR TAP CHANGERS.
- TESTING OF LEVEL INDICATORS.
- TESTING OF TRANSFORMER COOLING SYSTEM.
- OIL BREAKDOWN VOLTAGE TEST.
- AUTOMATIC TRANSFER SYSTEM (ATS) TESTING.
- TAP CHANGER TESTING (ABB – MR).
- OIL MONITORING DEVICES TESTING (HYDRAN M2).
- NEUTRAL EARTHING RESISTANCE TESTING.
- DIGITAL TEMPERATURE CONTROLLERS TESTING.
- TRANSFORMERS MONITORING SYSTEMS (DYNAMIC – ESMST – MS3000).
- OTHER TESTS:
  - HI-POT TESTS FOR ALL ELECTRICAL COMPONENTS.
  - HI-POT TESTS FOR POWER CABLES.
  - CIRCUIT BREAKERS TESTING (CONTACT RESISTANCE MEASUREMENT – HI-POT – TIMING – FUNCTION TEST).
  - CURRENT TRANSFORMERS TESTING (CORE TYPE AND RING TYPE) (WINDING RESISTANCE – EXCITATION CURVES – TURNS RATIO – INSULATION RESISTANCE – POLARITY).
  - VOLTAGE TRANSFORMERS TESTING (BURDEN TEST – VOLTAGE RATIO TEST – WINDING RESISTANCE MEASUREMENT TEST – INSULATION RESISTANCE MEASUREMENT TEST – LOOP RESISTANCE MEASUREMENT TEST).
  - RELAY TESTING (SEPAM T40 – SCHNIDER).
  - EARTH RESISTANCE MEASUREMENT TEST.
  - SURGE ARRESTERS TESTING.
  - SURGE ARRESTERS METERS TESTING.
  - SHUNT REACTORS TESTING.
- FAMILIAR WITH THE FOLLOWING TESTERS:
  - TRANSFORMER OHMMETER (MEGGER: TRO – 5 A DC).
  - TRANSFORMER OHMMETER (RAYTECH WR100).
  - TRANSFORMER TURNS RATIO TESTER (MEGGER: TTR 310 – TTR 330).
  - SWEEP FREQUENCY RESPONSE ANALYZER (MEGGER: FRAX 101 – FRAX 150).
  - CAPACITANCE AND DISSIPATION FACTOR TESTER (MEGGER: DELTA 2000 – DELTA 4000).
  - RELAY TEST UNIT (PROGRAMMA: SVERKER 760).
  - RELAY TEST SYSTEM (PROGRAMMA: FREJA 300).
  - TEMPERATURE CALIBRATOR (BROMAN).
  - OIL BREAKDOWN TESTER (MEGGER: 100KV).
  - CIRCUIT BREAKER ANALYZER (TM1800 – EGIL).
  - HI-POT TESTER (HIGH VOLTAGE: 120KV).

- CT ANALYZER – OMICRON.
- CPC – 100 – OMICRON.
- INSULATION RESISTANCE TESTER (MEGGER: 5 KVDC – FLUKE: 5 KVDC).
- ODEN – PRIMARY INJECTION TEST SET.
- CLAMPMETERS.
- EARTH RESISTANCE METERS.
- MULTIMETERS.