

Holds a B. Sc. in Electrical Power Engineering and has about 28 years hands-on experience in testing at substations and in maintenance at Abu Qir Power Plant.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 24/05/1959  
Gender : Male  
Marital Status : Divorced  
Residence : Alexandria

## EDUCATION

: B. Sc. in Electrical Power Engineering, Alexandria University, 1983

## LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Fair

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Steam Power Plant Maintenance site training course by GEC ALSTOM Experts at Abu Qir Power Plant, 4 months in 1990.
- : Steam Power Plant Maintenance off-shore training course at GEC ALSTOM Training Center and Power Plants in Paris – France, 1 month in 1990.
- : Generator Excitation and Regulation training course at GEC ALSTOM European Gas Turbine (EGT) Factory Belfort – France, 2 weeks in 1993.
- : LDC Management Course at SIEMENS Training Center, Plymouth, Minnesota – USA, 2 weeks in 1998.
- : Electronics Course at Abu Qir Training Center.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2008 till now  
**Project** : Abu Qir Power Plant  
**Job title** : Electrical Maintenance Director

**Dates** : From 2006 till 2008  
**Employer** : Siemens Company – KSA  
**Job title** : Senior Transformer Testing Engineer  
**Job Description** :
 

- Power Transformers:
  - Testing of 3x25 MVA, 110/14.5KV old Power Transformers at SEC Mekkah store, Mujahideen S/S and Wadi Liya S/S, manufactured by Trafo Union, Germany.
  - Testing of 1x33.4 MVA, 132/13.8KV old Power Transformer at Tabuk 2 S/S Madinah Road, manufactured by Trafo Union, Germany.
  - Testing of New Azizia substation Power Transformers 3x73 MVA, 110/15/6.6KV manufactured by Siemens, Germany.
  - Testing of New Al-Rehab substation Power Transformers 3x73 MVA, 110/15/6.6KV manufactured by Siemens, Germany.
  - Testing of Al-Bawadi substation Power Transformers 3x73 MVA, 110/15/6.6KV manufactured by Siemens, Germany.
  - Testing of New Al-Rewais substation Power Transformers 3x73 MVA, 110/15/6.6KV manufactured by Siemens, Germany.
  - Testing of Yanbu Gas Phase III substation Power Transformers 2x140 MVA of 110/34.5KV manufactured by Siemens, Germany.
  - Testing of Jubail Gas power Transformer (T01), 210 MVA, 230/35.9/13.8KV and Phase VII substation Power Transformers 2x180 MVA of 110/34.5/10.5KV all manufactured by Siemens, Germany.
- Auxiliary Transformers:
  - Testing of New Azizia substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC Ltd., Saudi Arabia.
  - Testing of New Al-Rehab substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC Ltd., Saudi Arabia.
  - Testing of Bawadi substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC Ltd., Saudi Arabia.
  - Testing of New Al-Rewais substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC Ltd., Saudi Arabia.

**Dates** : From Feb. 2007 till Apr. 2007  
**Employer** : Siemens Co.  
**Project** : In QATAR  
**Job title** : Senior Transformer Testing Engineer  
**Job Description** : Testing of Tan  $\delta$ , Turns Ratio and Winding Resistance for 38 old Power Transformer of different ratings manufactured by Mitsubishi, Alstom, Trafo Union, Asea and ABB, owned by QEWC Company at Ras Abu Fontas, Saliyah, Alwajbah and Doha South.

**Dates** : From 2004 till 2006  
**Employer** : GE Company – KSA  
**Job title** : Testing Engineer  
**Job Description** :
 

- Power Transformers:
  - Testing of KHAYBER substation Power Transformers 4x40 MVA 2 of 110/13,8KV and 2 of 110/33KV manufactured by Crompton Greaves, India.

- Testing of ALTAIF substation Power Transformers 2x500 MVA, 380/110KV manufactured by Toshiba, Japan.
- Testing of Al SAFA substation Power Transformers 3x40 MVA, 110KV/13.8KV manufactured by BEST Turkey.
- Testing of PP3 Power Plant Power Transformers PF, 2x500 MVA manufactured by Hitachi, Japan.
- Testing of Rabigh substation Power Transformers 5x40 MVA, 2 of 110/33KV and 3 of 110/15KV manufactured by Siemens, Germany.
- Testing of Zarga substation Power Transformer No. 2, 133 MVA, 132/33/13.8KV manufactured by Pauwels, Belgium.
- Switchgears:
  - Functional Test of ALTAIF substation 110KV GIS switchgear manufactured by Hitachi, Japan.
  - Complete test of KHAYBER substation 13.8KV and 33KV switchgears manufactured by Concar, Croatia.
- Miscellaneous:
  - Testing of ALSAFA substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC Ltd., Saudi Arabia.
  - Testing of KHAYBER substation auxiliary transformers 2 of 13.8/0.400KV manufactured by STC, Saudi Arabia.
  - Functional Test of KHAYBER substation Mosaic Panel manufactured by VAtec.

**Dates** : From 2001 till 2003  
**Project** : Abu Qir Power Plant  
**Job title** : Electrical Maintenance Manager

**Dates** : From 1996 till 2000  
**Project** : Abu Qir Power Plant  
**Job title** : Electrical Maintenance Engineer

**Dates** : During 1995  
**Employer** : LAHMEYER INTERNATIONAL Co.  
**Project** : AL ARISH Steam Power Plant  
**Job title** : Consulting Engineer

**Dates** : From 1992 till 1994  
**Project** : Abu Qir Power Plant  
**Job title** : Senior Electrical Maintenance Engineer

**Dates** : From 1990 till 1991  
**Project** : Abu Qir Power Plant Extension Unit 5  
**Job title** : Client Witness

**Dates** : From 1986 till 1989  
**Project** : Abu Qir Power Plant  
**Job title** : Electrical Maintenance Engineer

**Dates** : From 1983 till 1985  
**Employer** : ALSTOM Company  
**Project** : Abu Qir Power Plant  
**Job title** : Testing Engineer  
**Job Description** :

- Testing of 4 Main Transformers 175 MVA, 220/15KV manufactured by ALSTOM, France.
- Testing of 2 Coupling Transformers of 220/66KV manufactured by ALSTOM, France.
- Testing of 2 Starting Transformers of 220/11/6.6KV manufactured by ALSTOM, France.
- Testing of 4 Auxiliary Transformers 11MVA, 15/6.6KV manufactured by ALSTOM, France.
- Testing of MV and LV motors, Motorized valves and MCCs. Functional test of 220KV switchyard and 66KV switchgear.
- Functional test of 220KV switchyard, 66KV switchgear, boiler, turbine and auxiliaries Logic Control Systems.

**Familiar with the following test equipments:**

- Transformer Turns Ratio Meter (TTR), Biddle.
- MultiAmp Transformer Ohmmeter, Megger.
- Oil Breakdown Tester (Foster), AVO.
- PF/ DF Testing Instrument, doble.
- Megger digital insulation tester, AVO.
- CPC100 Omicron.
- Digital Oil Bath, Hart Scientific, AVO.
- Sverker 760 – single-phase injector, programma.
- Current transformer tester (CTER-91), AVO.
- Micro ohmmeter contact resistance measurement, programma.
- DC/AC Hi-Pot.
- CPC TD1 Omicron.
- Breaker analyzer for breaker timing, programma.