

**102139-ELE-2PST-E-2013**  
**Senior Testing & Commissioning Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience working as Testing & Commissioning Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/07/1991  
Gender : Male  
Marital Status : Single  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2013  
: Secondary Education: Tabarey Al-Hejaz School, Cairo, 2008

## LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Basics

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: C, Simulink, Multisim and DIALux  
: ABB PCM600, ALSTOM Agile, SIEMENS DIGSI, GE EnerVista

## TRAINING COURSES AND CERTIFICATIONS

: Basic Offshore Safety Induction Emergency Training at SMTC Global, Al-Khobar (Jun. 2015):

- Safety Induction.
- Helicopter Underwater Escape Training.
- Emergency Breathing System.
- Sea Survival.
- Fire Fighting & Self Rescue.
- First Aid & Hypothermia.
- Boat Transfer.
- Basics of Hydrogen Sulfide (H2S).

- : PMP Preparation Course at Perfect Engineer Academy, Giza, 36 Hours Training with a CAPM, PMP and RMP Certifications holder (Apr. 2015).
- : Safety Training Package at Kemya, Sabic & ExxonMobil, Al-Jubail (Dec. 2014):
  - Pre-Commissioning and LOTO.
  - Working at Height, Heat Stress and Confined Space.
- : ABB REF 615 Relay Testing at Alfanar, Ar-Riyadh (May 2014).
- : ABB:
  - 1 month internship, PSPG Factory, 10th of Ramadan City (Aug. 2012).
  - Generation, training program, APEC (Associative Power Engineering Community) (Apr. 2012).
  - Basics of VSD, training program, IEEE ASU SB (IEEE Ain Shams University Student Branch) (Jul. 2010).
- : ASUSU (Ain Shams University Student Union):
  - Student leadership (The package of success), training camp (Sep. 2012).
  - Student leadership (Alpha 1), training camp (Jul. 2011).
- : Better World Foundation, English conversation course (Oct. 2011).
- : BUE (the British University in Egypt), Micro controller course, Connected Family (Feb. 2013).
- : Clean Tech Arabia, Online Content Editing, internship (from Jul. 2013 till now).
- : Dar Al-Handasah (Shair & Partners), Giza Office (from Jun. till Aug. 2012).
- : ECG (Engineering Consultants Group), UTW 3 (University To Work), Cairo Office, 7 months training program (from Feb. till Sep. 2012).
- : Employability Skills at ECDC (Employability & Career Development Center), Cairo, training program in co-operation with Aspire Experiential Business Solutions, AUC (the American University in Cairo), USAID (United States Agency for International Development) and Vodafone (Mar. 2013).
- : EGEMAC (The Egyptian German Electrical Manufacturing Company), 1 week training (Aug. 2010).
- : Egyptian Ministry of Industry and Foreign Trade, 1 week training (Sep. 2009).
- : EL-MACO (El Nasr Transformers and Electrical Products), 1 week training (Jul. 2010).
- : El-Sewedy Electric, 1 month training, Egytech Cables A1, 10th of Ramadan City (Jul./Aug. 2011).
- : English Conversation at Better World Foundation, Cairo (Oct. 2011).
- : Faculty of Engineering Zagazig University, Micro controller course (Oct. 2012).
- : HP, LIFE (Learning Initiative For Entrepreneurs), online training program (currently).
- : Leadership at Ain Shams University Student Union, Matrouh, Training Camp in Co-operation with SSP and Meaning Academy (Sep. 2012).
- : Schneider Electric:
  - EPD (Engineering Professional Development), training program, ECG (Nov. 2012).
  - Basics of PLC, training program, IEEE ASU SB (Jul. 2010).
- : Siemens:
  - STEP (Siemens Technical Education Program), online training program (currently).
  - Automation, training program, Meca (Jun. 2012).

- : As a Participant:
  - CORD (Competition Of Robot Design), How to design a robot, workshop (Jul. 2009).
  - Explore, Life integrity, workshop (Aug. 2009).
- : Attended many seminars in various fields for general knowledge: Deregulated power system, Fiber optics, Marketing, NLP, Art of communication, Entrepreneurship, 7 habits for highly effective people, The luck factor, Life challenges, SCADA systems, 10 keys to success, Nano electronics, Career planning, Embedded systems and GSM.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2014 till now
- Employer** : Alfanar, Saudi Arabia
- Projects** :
- NGSA Projects, Saudi Arabia:
    - 380/132/33KV BSP (9064), SEPCO, Az-Zulfi.
    - 380/132/33KV BSP (9063), Al-Toukhi, Al-Quway'iyah.
    - Ar-Riyadh:
      - Riyadh Metro:
        - 380/33KV BSP (9051), NCC.
        - 380/132/33/13.8KV BSP (9052), NCC.
        - 380/132/33/13.8KV BSP (9053), Al-Toukhi.
        - 380/33KV BSP (9054), Al-Toukhi.
      - KAFD (King Abdullah Financial District):
        - 132/13.8KV Substation (8193), Al-Fanar.
        - 380/132/13.8KV BSP (9017), NCC.
        - 132/13.8KV Substation (8181), Al-Arrab.
        - 132/13.8KV Substation (8117), Al-Arrab.
        - 132/13.8KV Substation (8170), ABB.
    - Ha'il:
      - 380KV BSP (9030), Al-Fanar.
      - 380/132/13.8KV BSP (9031), SIEMENS.
      - 380/132/13.8KV BSP (9039), SIEMENS.
    - Al-Dhahiyah 115/13.8KV Substation, Al-Fanar, Al-Jubail.
    - Al-Omran 380/115/13.8KV BSP, Al-Toukhi, Al-Ahsaa.
    - Unayzah:
      - 132/13.8KV Substation (8833), ABB.
      - 132/33KV Substation (8824), ABB.
  - SABIC Projects, Saudi Arabia:
    - Kemya Factory, DAEILM, Al-Jubail.
- Job title** : Senior Testing & Commissioning Engineer
- Job Description** :
- Providing technical support and on-site trainings for junior engineers.
  - Testing and Commissioning of Protection and Control Relays:
    - ABB Relays:
      - REF/RET615.
      - RED/RET/REC670.
      - SYNCHROTECT.
      - REQ/REB650.
    - ALSTOM MiCOM Relays:
      - P122.
      - P141/142/143.
      - P443/543/546.

- P643.
- SIEMENS SIPROTEC Relays:
  - 7SJ64.
  - 7SA/7SD522.
  - 7UT63.
  - 7RW80.
- SEL Relays:
  - 451.
  - 411L.
  - 487E.
  - 487V.
- GE Multilin Relays:
  - SR 469/489/745/750.
  - MM200/300.
  - F650.
  - D60.
  - L90.
  - C70.
- ZIV Relays:
  - 6RTV.
- MR Relays:
  - TAPCON 260.
- Testing and Commissioning of LV/MV/HV/EHV Protection Schemes:
  - Over Head Lines.
  - Transformers.
  - Capacitors.
  - Circuit Breaker Failure.
  - Pole Discrepancy.
  - Under Ground Cables.
  - Reactors.
  - Busbars.
  - Trip Circuit Supervision.
  - TEE Point.
- Testing and Commissioning of LV/MV Air Insulated Switchgear Control Schemes:
  - Wescosa.
  - ABB.
  - Siemens.
  - Al-Fanar.
- Testing and Commissioning of MV/HV/EHV SF6 Gas Insulated Switchgear Control Schemes:
  - ABB.
  - Siemens.
  - ALSTOM.
  - HYUNDAI.
  - HYOSUNG.
- Testing of Special Control Schemes:
  - Automatic Voltage Regulation.
  - Automatic Bus Transfer Scheme.
  - Automatic Changeover Switching Equipment.
  - Automatic Capacitor Control Scheme.
- Testing of LV/MV/HV/EHV Air Insulated Switchgear and SF6 Gas Insulated Switchgear:

- Current Transformers.
- Potential Transformers.
- Circuit Breakers.
- Disconnecting Switches.
- Earthing Switches.
- Busbars.
- Working on the Test Kits:
  - OMICRON:
    - CT ANALYZER.
    - CMC.
    - CPC.
  - Megger:
    - MIT.
    - SVERKER.
    - EGIL.
    - MOM.
    - FREJA.
    - ODEN.

**Dates** : From Feb. 2014 till Apr. 2014  
**Employer** : Madar Project Management, Cairo Office, Egypt  
**Job title** : Technical Office Engineer