

**102342-ELE-24PST-E-2012**  
**Senior Testing & Commissioning Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years experience working in protection, testing and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 15/06/1988  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2012

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Online training courses:
  - Preparation course for PMP, YallaPMP (2022).
  - Change Management, BIMarabia Academy (2021).
  - Common Data environment, BIMarabia Academy (2021).
  - Introduction to Agile Project management, BIMarabia Academy (2021).
  - Key performance indicator - KPI, BIMarabia Academy (2020).
  - SWOT analysis, Udemy (2020).
  - Introduction to end-to-end GPS synchronized, Megger (2020).
- : Internship training (summer 2011):
  - Study of Automation & PLC.
  - Study of AutoCAD program.
- : Summer internship at The Ministry of Electricity and Energy, Egyptian Electricity Transmission Training Center Networks (South of Cairo) (2010):
  - Study of PLC.
  - Study of Transformer stations.
- : Summer internship at The Ministry of Electricity and Energy, Egyptian Production Electricity Co. (2009): Study of Power Plants.

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2013 till Apr. 2022
- Employer** : Alfanar Testing & Commissioning Co. – KSA
- Projects** :
- KSA, JEDDAH, S/S ALSHOIBAH III (4 months)
  - KSA, HAIL, BSP 9031 (14 months)
  - KSA, SHAIBAH, Aramco S/Ss and generation stations (16 months)
  - KSA, ARAR, BSP New ARAR & New Almubarakia SS (19 months)
  - KSA, Dammam, S/S South-East Dammam (8 months)
  - KSA, ABQAIQ, SA-GOSP5/SEC-SUB49 line protection upgrading (5 months)
  - KSA, Al-Jubail, AL RAZI\_ SABEK S/S Routine tests (3 months)
  - KSA, Dammam, BSP Dammam North / Remote end (3 months)
  - KSA, HARADH, BSP HARADH, Hawiyah Expansion & SA-HDGCP3 (17 months)
  - KSA, Alhofuf, S/S New Uthmaniyah (15 months) - Team Coordinator
- Job title** : Senior Testing & Commissioning Engineer
- Job Description** :
- Testing of Simple Relays (ABB, ALSTOM, GE, SEL, SIEMENS and ZIV).
  - Testing of main Relays (ABB, ALSTOM, GE and SEL).
  - Testing of auxiliary Relays and timers.
  - Testing of 380KV, 230KV and 132KV GIS components (Timing, Contact resistance, etc.).
  - Performing of 380KV, 230KV and 132KV GIS-LCC function schematic test (One and half scheme, Double BB single CB and Ring configuration).
  - Performing Function control/protection panel test.
  - Performing of primary injection and stability for GIS, Transform and generator test.
  - Performing control logic for BCU and black start generators.
  - Performing pre-firing preparations for generators.
  - Performing pre-energize preparations for substation.
  - Performing firing tests for generators.
  - Performing Online tests for OHL, Transformer and generator.
  - Upgrading electro-mechanical protection to digital protection.