

**Senior Testing & Commissioning Engineer (Protection Engineer)**

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

**PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 28/05/1990  
Gender : Male  
Marital Status : Married  
Residence : Cairo

**EDUCATION**

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

**LANGUAGES**

Arabic : Native Language  
English : Very Good  
Urdu : Basics

**COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: FREJA win software  
: ABB, GE, SEL, ALSTOM, SCHNEIDER, SIEMENS and OMICRON

**CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Feb. 2015 till Apr. 2023  
**Employer** : Alfanar Engineering Services, KSA  
**Projects** :

- HARADH AND HAWIYAH GCP Projects, Saudi Aramco
- Ras Tanura Refinery Clean Fuels Project, Saudi Aramco
- Fadhili Gas Program (FGP) Project, Saudi Aramco
- 380/132/13.8KV ARAR NORTH EARA Substation, SA-National Grid
- 380/132/13.8KV WAAD ALSHAMAL SS NORTH EARA, SA-National Grid
- 380/132/13.8KV ARAR NORTH EARA, SA-National Grid
- Maintenance for Petro Rabigh
- 115/13.8KV AL MOBURAKA SS DAMMAM, SA-National Grid
- 115/13.8KV ALMOZROAYH SS AL HFOUF, SA-National Grid

- Job title** : 115/13.8KV NADA SS DAMMAM, SA-National Grid  
**Senior Testing & Commissioning Engineer (Protection Engineer)**
- Job Description** :
- Site Coordinator.
  - Preparation of Test plan, and schedules with customer.
  - Commissioning and start up for electrical power and control systems.
  - Prepare and review technical engineering drawings for construction of electrical services and utility projects.
  - Scheme checking up to EHV level.
  - GIS and switch gear testing.
  - Protective relay.
  - Interfacing between different suppliers with different drawing.
- Dates** : From Nov. 2012 till Jan. 2015
- Employer** : ASEC Automation, Egypt
- Projects** :
- National Cement Company (Egyptian Government)
  - Teresa PCS Upgrade (Philippine)
  - Alexandria Plant Upgrade Titan
- Job title** : Electrical Design & Commissioning Engineer
- Job Description** :
- Electrical Designs for MCC, ACC, LVDB, PLC Panels and Junction Boxes.
  - Revision & Approval AS Built Drawings.
  - Revision & Approval of any site's modifications
  - Workshop inspection and fat-test for the panels.
  - Supervision of Electrical work on site.
  - Sample Approval & Materials Inspection on site.
- Field of experience** :
- Comprehensive experience of EHV, HV, MV and LV substation field and power plant.
  - Arranging Documents such as Test Procedures, Test Formats, Three weeks schedule, Technical Reports, and Daily Progress.
  - Protection Relay Testing such as: MICOM, SEL, ABB, GE.
  - Testing of GIS (115/230/380) CT, VT, CT loop, VT loop and C.B. Timing, Scheme check.
  - Protection panels Scheme check and troubleshooting.
  - Testing of MV SWGR Scheme, components, Contact resistance and Hi-pot test.
  - Testing meters, Transducers, Auxiliary relays and MCCB.
  - Main ACDB, DCDB Function and all components test.
  - Open loop and closed loop test with SAS / SCADA.