

**Project Engineer, Site Manager, Design & Protection Coordinator**

Holds a B. Sc. in Electrical Power Engineering and has about 14 years experience as Site Manager, Design Coordinator, Project Engineer, Testing & Commissioning Engineer Coordinator with reputed company in Saudi Arabia and Egypt.

**PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 17/02/1983  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

**EDUCATION**

: B. Sc. in Electrical Power Engineering, Al-Azhar University, 2006

**LANGUAGES**

Arabic : Native Language  
English : Good

**COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Basic and PIC programming  
: Engineering Programs

**TRAINING COURSES AND CERTIFICATIONS**

: Completed a course in programmable logic controllers (PLCs) (48 hours):

- Hardware description for PLCs.
- Programming of the PLCs.
- Standard programming functions.
- Programming examples & its applications.

**CHRONOLOGICAL EXPERIENCE RECORD**

Dates : From 2017 till now  
Employer : AL-MASHARIQ

**Project** : AL-KHALIDIAH 132/13.8KV S/S #8212 in RIYADH remote end 9052 S/S TOW LINE A&B, Three 132/13.8KV Power Transformer tow line 10bay in 132KV GIS 13.8KV SWGR 47 feeder three section three captors bank SAS system with NATIONAL GRID SA – Eastern Operating Area, KSA

**Job titles** : Project Engineer, Site Manager, Design Coordinator, Protection Coordinator Engineer

**Dates** : From 2016 till 2017

**Employer** : AL-MASHARIQ

**Project** : AL-KHOZAMA 132/13.8KV S/S #8171 in RIYADH remote end IRRQI 9034 SS TOW LINE A&B, Three 132/13.8KV Power Transformer tow line 10bay in 132KV GIS 13.8KV SWGR 52 feeder three section three captors bank SAS system with NATIONAL GRID SA – Eastern Operating Area, KSA

**Job titles** : Project Engineer, Design Coordinator, Protection Engineer

**Dates** : From 2015 till 2016

**Employer** : AL-MASHARIQ

**Project** : AL-NARJIS 132/13.8KV S/S #8255-9024 in RIYADH Three 132/13.8KV Power Transformer tow line 10bay in 132KV GIS 13.8KV SWGR 52 feeder three section three captors bank SAS system with NATIONAL GRID SA – Eastern Operating Area, KSA

**Job titles** : Testing Coordinator, Design Coordinator, Protection Engineer

**Dates** : From 2015 till 2016

**Employer** : AL-MASHARIQ

**Project** : NEW DHARAT LABAN 132/13.8KV S/S #6118 in RIYADH Three 132/13.8KV Power Transformer tow line 10bay in 132KV GIS 13.8KV SWGR 52 feeder three section three captors bank SAS system with NATIONAL GRID SA – Eastern Operating Area, KSA

**Job titles** : Testing Coordinator, Design Coordinator, Protection Engineer

**Job Description** :

- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
- Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
- Testing of All type of aux. relays.
- Testing of Circuit breaker fail relays type RAICA from ABB.
- Testing of Synch-check relay type RASC from ABB.
- Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
- Testing of over current relays type MICOM 546 & P142 from AREVA.
- Testing of 115KV Bus bar protection relay type REB560 from ABB.
- CT Testing including, Primary injection test transformer differential & REF stability test.
- Scheme and Function test.
- 132KV Bus bar protection stability test.
- Testing transformer 132/13.8KV Power Transformer Diff. Stability & Sensitivity & GIS 115KV TESTING (GAS AND C.B TEST).
- HI-Pot Test.
- Three 132/13.8KV Power Transformer tow line 10bay in 132KV GIS

13.8KV SWGR 42 feeder three section three captors bank SAS system.

**Dates** : From 2014 till 2015  
**Employer** : AL-MASHARIQ  
**Project** : AL-GHASSANIYAH 115/13.8KV S/S in AL-HASSA Three 115/13.8KV Power Transformer tow line 10bay in 115KV GIS 13.8KV SWGR 52 feeder three section three captors bank SAS system with NATIONAL GRID SA – Eastern Operating Area, KSA  
**Job title** : Design Coordinator  
**Job Description** :

- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
- Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
- Testing of All type of aux. relays.
- Testing of Circuit breaker fail relays type RAICA from ABB.
- Testing of Synch-check relay type RASC from ABB.
- Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
- Testing of over current relays type MICOM 546 & P142 from AREVA.
- Testing of 115KV Bus bar protection relay type REB500 from ABB.
- CT Testing including, Primary injection test transformer differential & REF stability test.
- Scheme and Function test.
- 115KV Bus bar protection stability test.
- Testing transformer 115/13.8KV Power Transformer Diff. Stability & Sensitivity & GIS 115KV TESTING (GAS AND C.B TEST).
- HI-Pot Test.

**Dates** : From 2013 till 2014  
**Employer** : HYUNDAI (Engineering & Construction), MEEDCO (Middle East Engineering Development Co. Ltd.)  
**Project** : DHAHIYAH 380/115KV S/S with Saudi Electricity Company – Eastern Operating Area, KSA  
**Job title** : Testing & Commissioning Engineer  
**Job Description** :

- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
- Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
- Testing of All type of aux. relays.
- Testing of Circuit breaker fail relays type RAICA from ABB.
- Testing of Synch-check relay type RASC from ABB.
- Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
- Testing of over current relays type SAPME40/41 & P142 from AREVA.
- Testing of 115KV Busbar protection relay type 7SS52 & 7SS53 from SIEMENS.
- CT Testing including, Primary injection test transformer differential & REF stability test.
- Scheme and Function test.
- 380KV Busbar protection stability test.

- Testing transformer Power Transformer Diff. Stability & Sensitivity & GIS TESTING (GAS AND C.B TEST).
- HI-Pot Test.

**Dates** : From 2010 till 2013

**Employer** : HYUNDAI (Engineering & Construction), MEEDCO (Middle East Engineering Development Co. Ltd.)

**Project** : SARAMCO's Manifa Power Transmission & Substations (4 S/S) Project, KSA

**Job title** : Testing & Commissioning Engineer

**Job Description** :

- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
- Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
- Testing of All type of aux. relays.
- Testing of Circuit breaker fail relays type RAICA from ABB.
- Testing of Synch-check relay type RASC from ABB.
- Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
- Testing of over current relays type SPAME40/41 & P142 from AREVA.
- Testing of 115KV Busbar protection relay type 7SS52 & 7SS53 from SIEMENS.
- CT Testing including, Primary injection test transformer differential & REF stability test.
- Scheme and Function test.
- 380KV Busbar protection stability test.
- Testing transformer Power Transformer Diff. Stability & Sensitivity & GIS TESTING (GAS AND C.B TEST).
- HI-Pot Test.

**Dates** : From 2009 till 2010

**Employer** : HYUNDAI (Engineering & Construction), MEEDCO (Middle East Engineering Development Co. Ltd.)

**Project** : Jubail-II 380/115KV S/S with Saudi Electricity Company – Eastern Operating Area, KSA

**Job title** : Testing & Commissioning Engineer

**Job Description** :

- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
- Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
- Testing of All type of aux. relays.
- Testing of Circuit breaker fail relays type RAICA from ABB.
- Testing of Synch-check relay type RASC from ABB.
- Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
- Testing of over current relays type SAPME40/41 & P142 from AREVA.
- Testing of 115KV Busbar protection relay type 7SS52 & 7SS53 from SIEMENS.
- CT Testing including, Primary injection test transformer differential & REF stability test.

- Scheme and Function test.
- 380KV Busbar protection stability test.
- Testing transformer Power Transformer Diff. Stability & Sensitivity & GIS TESTING (GAS AND C.B TEST).
- HI-Pot Test.

- Dates** : From 2007 till 2009
- Employer** : HYUNDAI (Engineering & Construction), MEEDCO (Middle East Engineering Development Co. Ltd.)
- Project** : Khurais 380/115KV S/S with Saudi Electricity Company – Eastern Operating Area, KSA
- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Testing of Current Transformers (Insulation, Polarity, M/C, CT Resistance and Ratio test).
  - Testing of Voltage Transformers (Insulation, Polarity, winding resistance and ratio test).
  - Testing of All type of aux. relays.
  - Testing of Circuit breaker fail relays type RAICA from ABB.
  - Testing of Synch-check relay type RASC from ABB.
  - Testing of Busbar protection relay type MCAG-14 and MFAC14 from AREVA.
  - Testing of over current relays type SAPME40/41 & P142 from AREVA.
  - Testing of 115KV Busbar protection relay type 7SS52 & 7SS53 from SIEMENS.
  - CT Testing including, Primary injection test transformer differential & REF stability test.
  - Scheme and Function test.
  - 380KV Busbar protection stability test.
  - Testing transformer Power Transformer Diff. Stability & Sensitivity & GIS TESTING (GAS AND C.B TEST).
  - HI-Pot Test.
- Field of experience** :
- Experience in the field of Site Manager, Protection Engineer, Design Coordinator, Project Engineer, Testing and Commissioning Coordinator of power system products.
  - Skills in the field of Testing & commissioning and Execution of projects related to power systems.
  - Able to coordinate multiple projects and teams simultaneously.