

Holds a B. Sc. in Electronics & Communication Engineering and has more than 9 years of hands-on experience in the field of protection with massive knowledge in testing and commissioning of protection relays, troubleshooting and scheme check.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/04/1984
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Institute of Aviation Engineering and Technology (I.A.E.T.), 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Networking, LAN and WAN protocols

TRAINING COURSES AND CERTIFICATIONS

: P1 (CT and VT and measurement), Cairo South Station Training Center, Ministry of Electricity and Energy, Egypt (2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2017 till now
Employer : EL SEWEDY ELECTRIC PSP
Project : South Helwan Supercritical Power Plant 3x650MW
Job title : Team Leader & Coordinator
Job Description :

- Testing the inter-connection signals between the 500KV GIS & main transformer protection panel & auxiliary transformer protection panel & unit overall protection panel and 6.6KV switchgears panels.
- Testing automatic voltage regulator (AVR) relay Tapcon as a final setting for the station service transformer (SST) and the auxiliary transformer.

- Timing test for the generator circuit breaker (GCB).
- Contact resistance for the generator circuit breaker (GCB).
- High voltage test for the generator circuit breaker (GCB).
- Megger test for the generator circuit breaker (GCB).

Dates : From Mar. 2017 till Dec. 2017
Employer : EL SEWEDY ELECTRIC PSP
Project : South Helwan Supercritical Power Plant 3x650MW
Job title : Senior Commissioning Engineer
Job Description :

- Scheme check for 22KV main transformer protection panel, auxiliary transformer protection panels, unit overall protection panel.
- Testing Diff. relay GE T60 as final setting test.
- Testing unit overall Diff. relay GE T35 as final setting test.
- Testing neutral over current relays GE 350 as final setting test.

Dates : From Aug. 2016 till Mar. 2017
Employer : EL SEWEDY ELECTRIC PSP
Project : West Damietta Power Project phase 220KV
Job title : Senior Commissioning Engineer
Job Description :

- Scheme check for 220KV protection panel, bay control panels.
- Scheme check for GIS LCC panels.
- Testing Diff. relay Micom P632 as final setting test.
- Testing breaker failure and synchronization relay Micom P143 as final setting test.
- Upgrade for bus bar protection Relay Micom P746.
- Modifying in bus bar protection panel, bus bar bay control panel.
- Testing the bus bar protection relay by doing primary stability test.
- Scheme check for Schneider switchgear 6.6KV panels.
- Testing Over current, Earth fault, Motor relays Sepam (S40, S42, M87).

Dates : From Apr. 2016 till Jun. 2016
Employer : ABB COMPANY
Project : 132/33KV Al Haqu Substation, KSA
Job title : Rented Testing Engineer
Job Description :

- Testing MCB's, aux relays.
- Testing trip relays (MVAJ 25).
- Testing Ammeters.
- Testing energy meteres.
- Scheme check of 33KV feeders.
- Testing of 33KV Circuit breakers (contact resistance test, insulation resistance test, timing test).
- Testing over current (relays REF 615, Siemens 7SJ 64) as acceptance test.

Dates : From Feb. 2016 till Apr. 2016
Employer : NECE COMPANY
Project : 380/132/33/13.8KV Tabuk BSP Substation, KSA

Job title : Rented Testing Engineer
Job Description :

- Scheme check of 132KV lines.
- Function check and modifications of 132KV lines
- Scheme check of 380KV lines.
- Function check and modifications of 380KV lines.
- Apply configuration and final setting to relays (sel 411, Siemens (7SD6, 7SJ64), MICOM (P546, P142), ABB RED 670).

Dates : From May 2015 till Jan. 2016

Employer : AECC COMPANY

Project : 132/33/13.8KV Al Khadra Substation, KSA

Job title : Rented Testing Engineer

Job Description :

- Testing overcurrent relays (Ref 615) as acceptance and final setting test.
- Testing multifunction relays (Sel-487V, Rec670), under voltage, over voltage, inverse-time overcurrent, under current, under power, over power, breaker fail, under frequency and over frequency functions.
- Testing line differential and distance relay (Micom P546) as acceptance test and final setting test.
- Testing under voltage relays (Ref 615, Rec 670).
- Testing ACCS (Rec670) as automatic capacitor controller system relay.

Dates : From Apr. 2015 till May 2015

Employer : ABB COMPANY

Project : Yansab Factory, KSA

Job title : Rented Testing Engineer

Job Description :

- Testing overcurrent relays (Ref 542 plus, Rej 525, 521, Rex 521).
- Testing M.V CB's (contact resistance, timing, insulation resistance).
- Testing CT'S, VT'S.

Dates : From Mar. 2015 till Apr. 2015

Employer : SSEM COMPANY

Project : BB9 Power Plant, KSA

Job title : Rented Testing Engineer

Job Description :

- Testing and commissioning line differential relays (Sel411, Micom 546).
- Testing and commissioning ABB (Rel670), Micom (P441) as send, receive inter trip function.

Dates : From Dec. 2014 till Mar. 2015

Employer : NOOR ENERGY

Project : MAADEN Factory, KSA

Job title : Rented Testing Engineer

Job Description : Testing relays, equipment's maintenance, troubleshooting in factory substations.

Dates : From Sep. 2014 till Dec. 2014

Employer : ALFALGY Company, KSA

Job title : Testing & Commissioning Engineer

Dates : From Mar. 2009 till Jun. 2014

Employer : Egyptian Electricity Transmission Co. (EETC)

Job title : Protection Engineer

Job Description :

- Working in the field of PROTECTION in substations 66/11KV (protection of transformers - feeders 66KV - feeders 11KV).
- Testing different type of relays as:
 - SIEMENS (7SJ6X, 7SD522, 7SA522, 7SA61X, 7UT61X, 7VK610).
 - ABB (SPAJ, REJ525, REX, RET615, REF615, REC615).
 - AREVA (MICOM P122, p127, P441).
 - GE (MIF II, MIV II).
- Testing switchgear panel (66KV).
- Testing Signals to annunciators panels, SCADA, and DCS.
- Installing and replacing transformers Control Cables. Moreover, modify drawing if needed, scheme check, and stability test.
- Installing HV circuit breakers' control cables. Moreover, modify drawing if needed, and function check.
- Installing HV bus isolators. Moreover, modify drawing if needed, and function check.
- Testing CT's and VTs.
- Testing with electrical testers such as ISA, SEVERKER, FREJA, CBC100, CT Analyzer, Megger MOM 200A, Egile).
- From Mar. 2012 till Jun. 2014: Team Leader, responsible for nine substations: TEBEEN substations (1, 2, 3, 4, 5, 6), GANOB ELSAF substation, El-Kureimat substation and KAHR EL ALW substation.