

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years hands-on experience, including 3 years working as Testing & Commissioning Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/02/1992
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2014

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Wind Energy authorized by Technical University of Denmark (DTU).
- : Introduction to Solar Cells authorized by Technical University of Denmark (DTU).
- : Safety and Health in Construction.
- : Hazard Recognition and Risk Assessment.
- : Lean Construction Management.
- : AutoCAD
- : Classic Control.
- : ABB University:
 - ABB solar inverter.
 - ABB drives & motors.
- : Schneider panel builder e-learning.
- : Siemens Technical Education Program e-learning course.
- : HP LIFE e-Learning course on Customer relationship management (CRM).
- : HP LIFE e-Learning course on Effective presentations.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2016 till Aug. 2019
- Employer** : Alfanoar – Riyadh, Saudi Arabia
- Projects** :
- Construction of metro, Riyadh 380/132/33/13.8KV BSP S/S 9052 (NCC contractor)
 - Construction of new south industrial, Riyadh 380/132/13.8KV BSP S/S 9048 (SSEM contractor)
 - Construction of Irrqaa, Riyadh 380/132/13.8KV BSP S/S 9034 (Al Babtain contractor)
 - Construction of Al-jilah, Riyadh 380/132/33KV BSP S/S 9063 (Al Toukhi contractor)
 - Construction of Al-Badaya, Qassim 132/33/13.8KV S/S 8851 (Alfanoar contractor)
 - Construction of new Hail centre, Hail 132/13.8KV S/S 8909 (Alfanoar Construction)
 - Construction of Ghazala-2, Hail 132/33KV S/S 8936 (Larsen & Toubro contractor)
 - Construction of Al-Rawabe, Riyadh 380/132/13.8KV BSP S/S 9047 (NCC contractor)
 - Construction of Suliman Alrajhi college, Qassim 132/13.8KV S/S 8859 (Alfanoar Construction)
 - Construction of National Guard housing, Riyadh 132/13.8KV S/S 8309 (Al Toukhi Construction)
- Job title** : Testing & Commissioning Engineer
- Job Description** :
- Performing HV GIS scheme check for ABB, SIEMENS, HYSOUNG, HYUNDAI and GE. Doing tests for GIS components (CB and DS/ES timing test – contact resistance measurement – SF6 gauge calibration, purity, dew point and leakage test – CT & VT tests – insulation resistance test – ES 10KV test – metrosil ...). Doing tests for LCC components (contactors – MCBs – timers – bi-stable relays – u/o voltage relays – thermal overload – dc supervision – power meters – RTK annunciator units). Checking interlock between GIS and SWG and signals going to control room. Doing VT secondary & synch. loop check and CT secondary loop check. Doing primary injection and bus bar stability & sensitivity test. Preparations for GIS HI-Pot test.
 - Performing protection scheme check for ABB, SIEMENS and Alstom for (OHTL – underground cable – power transformer – shunt reactor – capacitor bank – bus bar – consumer feeder – load shedding). Doing tests for components in protection panels (lock out relay(86) – trip relay(94) – inter trip relay(85) – trip circuit supervision – CT supervision – MCBs – dc supervision ...). Testing simple relays and performing control scheme check for (ACCS – ABTS – AVC). Performing substation common alarm system and updating signals according to approved SPL (SCADA Point List).
 - Performing medium voltage switchgear scheme check for ABB, SIEMENS, Schneider and Alfanoar. Doing tests for SWG components (CB timing test – contact resistance measurement - CT & VT tests – VT supervision ...). Doing CT & VT secondary loop check, primary injection and bus bar stability & sensitivity test. Preparations for SWG HI-Pot test.

- Performing scheme check for low voltage AC & DC distribution systems such as ILP, OLP and ELP (Indoor/Outdoor lighting panels and emergency lighting panels) and testing MCCBs.
- Preparation of test reports, daily/weekly reports and follow up NCR list.
- Tools used in testing: FREJA - ODEN - CPC100 - CT ANALYZER - MOM EGIL - SVERKER - MEGGER - B10E - SF6 ANALYZER.

Dates : From Oct. 2014 till Nov. 2015

Employer : EGEC – Alexandria, Egypt
EGEC is a qualified panel builder from Schneider Electric and a technical partnership for ABB electrical drives.

Job title : Technical Support Engineer

Job Description :

- Technical contribution: Evaluate, select and apply standard techniques and procedures to perform engineering assignments. Provide technical support for testing, installation and commissioning activities for company products such as:
 - Low voltage panels (DP - MCC - PFC - ATS, ...etc.).
 - Low voltage motors and motor drives.
 - Sensors and instrumentations.
- Sales support: Assist in preparing proposal/presentation of engineering projects/programs.
- Customer: Assist customers on technical issues, interact with official contacts, contractors and other staff within his scope of deliverables.
- Developing long-term relationships with clients through managing and interpreting their requirements.