

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 1 year experience in field of Power Stations, substations and solar stations, doing service especially testing, commissioning and protection to all power equipment.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : 5th Settlement, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2018

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, etc.), Internet
: ETAP (SC, VD, LF, ..., etc.)
: MATLAB (SIMULINK)
: AutoCAD (design, shop drawing, ..., etc.)
: Dialux (indoor, outdoor)

TRAINING COURSES AND CERTIFICATIONS

: Protection course (schematic diagram, relaying system, ...etc.).
: Distribution course (LV, MV).
: Automation course (Classic, PLC, SCADA, ...).
: Renewable energy (solar) course.
: Training at Petrobel - Belayim Petroleum (Jul./Aug. 2017):

- Training on cathodic protection and its different methods.
- Performing maintenance to all rotating and static machines.
- Performing commissioning to oil and gas electrical substation, switchgear, all UPS, DG and all HV equipment.

: Training at El Sewedy Electric Co. (Jul./Aug. 2016):

- Training on cables manufacturing procedures and the factory feeding substation.
- Training on transformer manufacturing and its problems at field.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2019 till now
- Employer** : VOLTECH Group (Chennai, India)
- Projects** :
 - 120MW SOLAR POWER PLANT, BENBAN (EGYPT) (from Apr. till Oct. 2019)
 - Sites: Acwa (4-43) (50MW), Alcom (3-1) (50MW), Tawakol (4-42) (20MW)
- Job title** : Testing & Commissioning Engineer
- Job Description** :
 - Testing and commissioning of 22KV/660V inverter transformers.
 - Panel commissioning and operational checkup, Cable IR and HIPOT testing.
 - Auxiliary equipment commissioning and operation checks.
 - Commissioning of solar modules and rectification of the modules for actual loads and its troubleshooting problems.
 - DC current measuring for first time charging of the modules and verification of problems which were not meeting the actual load demand according to module current ratings.
 - Handling conventional and latest kit for testing electrical installations.
 - Prepare test protocols and checklists for substation equipment & obtain customer approval.
 - Performing thermography imaging on Switchgear and transformers and other stations components.
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- Dates** : From Jun. 2018 till Apr. 2019
- Employer** : TECHNO MASTER (Maadi, Cairo)
- Projects** :
 - West Cairo for generating electricity
 - Egyptian Steel, Beni Suef
 - Air Liquide Company
 - Suez Thermal Power Plant
 - Elmotoreen (elsadat) substation
- Job title** : Testing & Commissioning Engineer
- Job Description** :
 - Testing and commissioning up to 400KV class substation (both GIS and AIS) and switchgears up to 33KV.
 - Testing of CT, CVT, PT, Circuit breaker, isolator, lightning arrester, HT and LT motors.
 - Operation and maintenance of substation electrical installations.