

Holds a B. Sc. in Electrical Power & Machines Engineering and has more than 2 years hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/04/1988
Gender : Male

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2014
- : Specialized Diploma (Electronic devices), Mataria Institute of Technology, Cairo, 2007

LANGUAGES

Arabic : Native Language
English : Good
German : Fair

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : AutoCAD for drawing electrical circuits
- : Electronic Work Bench MultiSim Program for simulation and drawing electrical circuits
- : MATLAB Ver.R2010a Program for simulation and drawing electrical circuits
- : Eagle 6.3.0 drawing Electronic circuits
- : Proteus 7.0 (ISIS, ARES) Program for simulation and drawing Electronic circuits
- : MikroC pro for PIC ver. 4.15 Micro-Controller programming

TRAINING COURSES AND CERTIFICATIONS

- : Electrical Load Estimation, Calculation and Distribution and PFC Panel designing (2015).
- : Operation and maintenance the Low voltage substations (2015).
- : Basic knowledge of programming of PLC Siemens S7-200 using LAD (2015).
- : Basic knowledge of classic control panel designing (2015).

- : Intermediate knowledge of operation and programming the AC and DC motor drives (2015).
- : Training as Installation and Operation Electrical Engineer in KYR for Light Current System Company (2014).
- : Energy Control National Center Summer Course (2013).
- : Micro-Controller Programming Course at Artronix Company (2013).
- : A circuit designer in CORD Academy competition 2 for routing PCB of Fighting Robot (2010).
- : Trainee Electrical Engineer at Global Shell Company (2009).
- : A circuit designer in CORD Academy competition1 for routing PCB of Line Tracking Robot (2009).
- : How to make a Robot at Cord Academy (2009).
- : Summer Training Course at Global Shell Company (2009).
- : A circuit designer in Mataria institute for routing PCB of Production line Meter using Proteus (2007).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2015 till now
- Employer** : ContrackFM Co., Cairo
- Job Description** :
- Run and following up all Preventive and Corrective Maintenance of:
 - L.V, M.V substation.
 - 6 switchgears around (40MW) of power.
 - D.Ps of all the towers rooms, and sub-panels also, reaching to the final load panel.
 - ATS and PFC panel to keep it ready all the time.
 - Following up L.V's and M.V's substation readings periodically.
 - Following up the Chiller's readings periodically.
 - Following up the pumps' readings periodically.
 - Following up the UPS (GE Site-Pro, APC).
 - HSE environment.
 - Ensuring the procedures are carried out safely.
 - Responding appropriately to emergencies or any urgent issues and dealing with the resulting consequences.
 - Inspecting building to identify maintenance issues related to the infrastructural.
 - Assist performance team in troubleshooting.
 - Participate on root-cause failure analysis (RCFA) discussions.
 - Assist the department manager with document preparation, product research, calculations and inspection of relevant projects.
 - Give the recommendations and proposals for adding or modifying any something wrong in the towers.
 - Responsible for managing the maintenance service and repairs in the areas of plumbing, mechanical, fire/life safety, elevators, machines, HVAC or electrical servicing and all the infrastructural discipline.
 - Reporting on any big problem occurs during the shift like power cutting off, pump out of service and so on to all engineering management members to collaboratively.
 - Analyzing the daily readings of the distribution transformers and gives the appropriate advice if needed.

- Following up the status of UPS and IT rooms take the necessary action if needed.
- Sending a daily shift report including all the shift events.
- Dealing with AX Dynamics for making exchange permission of raw materials and PRs.
- Contacting with accredited agents for adding any new modification or replacement for any spare part like Forced Ventilation for transformers.