# ARAFA

# ARAFA.368060@2freemail.com

**Electrical engineer**

***Objective:***

I am certified in Electrical Engineer and hold a degree in Electrical Engineering from Cairo University. As an individual who is interested in continuous professional development, I have dedicated more than 7 years of experience to working with various companies within the electrical industry and contracting. This has resulted in professional competency in all operational and technical aspects of digital systems implementation*.*

*Education:*

#  bachelor of engineering degree / May 2007

 ● University : Cairo University.

 ● Major : Electric power engineering

 ● Grade : good (72%)

 ● Project : Distribution of electric power of a new city

 ● Project grade : Excellent

 *Work Experience:*

**\* Maintenance and executive engineer and general supervisor at Singapore Embassy in Cairo.**

-From November 2014 till now.

-I have been responsible for the following tasks,

1- *Electrical works*:

- Elevator renovation : supervising the installation of new drive system (VFD Omron) and doing modification for the control panel board to make the elevator start and stop smoothly.

- the installation of electrical elements (lighting, sockets, cables, wiring, and earthing system).

- Generator maintenance: electrical and mechanical maintenance of two Cummins generators.

- Participate and supervise the implementation of CCTV system. Installation of 23 Camera

With the HD DVR with the wiring system for it.

- Participate and supervise the implementation of new access door system (ELID Brand) , installation of the windows and doors' sensors, motion detector sensors, the control keypad, the control panel and the wiring for all the system.

*-* Maintenance of air-conditions (split, package units, central chiller system)

*-*Maintenance of water pumps and sewage pumps system.

 *2***-Plans and administers the Embassy’s Master Preventive Maintenance Plan**

\* Developing and implementing a preventive maintenance program to minimize repair and replacement costs and reduce the risk of plant /equipment failure.

**\*Project manager assistant at Aziziah hospital in Jeddah**

-From April 2012 till July 2014

- I was managing a team of 20 technicians and technicians, working on shifts, continuously monitoring the work flow and making sure that spare parts were available to perform the job.

-supplying the electrical power required to new equipments in the hospital, Some devices need 110 volt single phase and some needs 220 volt 3 phase.

-Electrical works: (lighting, sockets, cables, generator maintenance, fire alarm, firefighting, several electrical devices)

- A/C works: maintenance and troubleshooting of air conditions units (window & split& package units)

-Putting the periodic preventive maintenance schedules and supervises the implementation of it.

-Implementation of spare parts transactions and monthly consumption.

-Studying of new tenders and new projects.

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\* Maintenance engineer for el Rowad plastic factory in Riyadh KSA

- From August 2009 to September 2011.

- I had been responsible for maintenance and the operation of GENSET system which consisted of 6 Perkins generator each 1 MEGA with the Low Voltage Switchgear to supply the power for plastic factory and the water station and other utilities in the site.

- Daily and weekly check for the fuel system ,oil lubricating system ,cooling system for the generators to keep it running in good condition.

- Familiar with the control and power system troubleshooting and solve it with minimum time and minimum cost as well.

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\* Maintenance lift engineer at Cairo MEDI Company

-From Jan 2008 to June 2009

Being a responsible of lift’s building manager to ensure that your lift is safe to use. Solving the troubleshooting of the lift and carry out modification of control panel boards.

-doing the monthly servicing for the lift (mechanical and electrical )to ensure that the lift is safe to use.

*Certification /courses :*

|  |  |  |  |
| --- | --- | --- | --- |
| **Duration** | **Insisute/ center**  | **Course subject** | **s/n** |
|  50hours  | Donbosco institute | Revit MEP | 1 |
| 60 hour | the Russian cultural center in Egypt | Classic control  | 2 |
| hour 25 | Creative group center | Auto cad 2d for electrical purpose  | 3 |
| 50 hour  | jelecom institute center | Power distribution | 4 |

*Language skills:*

**Arabic** : mother tongue

###  English : good command of all skills

*Interests:*

* Computer. - Volunteer work. – Reading.
* Continuous learning. - sport (GYM & football)

*Intrapersonal skills:*

* Willing to learn and improve my skills.
* Have communication skills
* Ability to work under stress and more than working hours when needed.
* Ability to work single or in group according to job requirements.