

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 5 years hands-on experience in maintenance, operation and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/08/1987
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Dialux, Calculux, PWS, Matlab, Robot Studio

TRAINING COURSES AND CERTIFICATIONS

- : ICDL (International Computer Driving License).
- : Basic & Advanced PLC course.
- : AutoCAD course.
- : Trainings at:
 - EGYMAC Company (MCC's, CT's, PT's, and medium voltage circuit breakers), Aug. 2009.
 - Cairo North Power Plant (Transformers, Generators, High Voltage Bb, HRSC Cycles, Turbines and Boilers), Jul. 2008.
 - Shoubra Power Plant (MCC's, CT's, PT's, and medium voltage circuit breakers), Jul. 2007.
- : Attended "EYE" Conference (in Cairo University): Marketing studies, feasibility studies and financial planning.
- : Extra-Curricular Courses:
 - Good communication skills and flexibility.
 - Negotiation skills.
 - Presentation skills.
 - Mind mapping.

- Emotional intelligence.
- Time management.
- Leadership.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2013 till now
Employer : Schneider Electric – North East Africa Services Business Unit – Energy Efficiency Department, Cairo
Job title : Energy Management Engineer
Job Description :

- Conducting walk through energy audits at customers.
- Performing audit analysis and prepare audit reports with energy saving recommendations.
- Working with building owners and property managers to provide energy efficiency advice and assistance in participating in energy efficiency programs.
- Analyzing customer’s utility bills to determine energy usage trends.
- Providing final review of estimates, recommendations, and proposals to ensure sustainable energy savings.

Dates : From Apr. 2011 till Dec. 2013
Employer : MechASol (Mechatronics Automation Solutions)
Job title : Upper Egypt Sector Manager
Job Description :

- Doing technical support missions for different types of drives.
- Identifying and providing documentation of on-site opportunities for energy saving solutions on different equipment.
- Discussing technical elements of energy consuming equipment in client facilities (lighting, HVAC, hot water systems, envelope, integrated design) and how they affect utility consumption and demand.
- Carrying out a lot of energy saving projects in multinational companies for example (PepsiCo, Coca-Cola, Jonson, Nestle, ETC).
- Maintain sales staff by recruiting, selecting, orienting and training employees.
- Establish and adjust selling prices by monitoring costs, competition and supply and demand.
- Implement sales programs by developing field sales action plans.
- Maintain sales staff job results by counseling and disciplining employees; planning, monitoring and appraising job results.

Dates : From Jan. 2011 till Apr. 2011
Employer : SCED (South Cairo Electricity Distribution)
Job title : Medium Voltage Network Maintenance Engineer
Job Description :

- Designed low voltage networks including lighting calculations.
- Tested and installed power energy meters.
- Installed and maintained low and medium voltage cables.
- Performed Periodic maintenance for transformers and distributors.

Dates : From Oct. 2009 till Jan. 2011
Employer : Elsewedy Lighting, Cairo

- Job title** : Maintenance & Operation Engineer
- Job Description** :
- Managed maintenance, repair & troubleshooting of many mechanical Equipment including Motors, Drives, Classic Control Panels.
 - Supervised the preparation, start-up and operation of cable tray production line.
 - Increased production rates by redesigning the workshop layout, improving workshop facilities and application of QCC (Quality Control Circles).
 - Achievements:
 - Decreased products failure by applying new techniques of testing production components.
 - Increased the utilization of manpower by having a monthly & annual plan, good preparation and storage of spare parts and monthly training of technicians.

Projects & Achievements:

- PepsiCo Egypt:
 - Executing a lot of energy saving solutions during the last two years on cooling towers, booster Pumps, air Compressors, ammonia compressors, waste water units and artesian wells in all factories, as a result of this projects the saved energy exceeded 500 MWH/Year.
- Coca-Cola Egypt:
 - Executing energy saving solutions during the last two years on booster Pumps, air Compressors and High pressure Pumps in three factories.
- Duravit Egypt:
 - Executing energy saving solutions on mills, booster Pumps, Hydraulic pumps, mixers and blowers, in addition to that I participated in conducting the audits and the studies for achieving sustainable energy saving in all factories.
- Oriental Weavers:
 - Identifying and providing documentation of on-site opportunities for energy saving solutions on ovens, textile machines and coloring machines in two factories.
- Atyab Foods:
 - Executing energy saving solutions on cooling towers, oven blowers and high pressure compressors.
- Egyptian German Company EGIC:
 - Executing energy saving solutions on extruders and injection molding machines.
- Alfa Ceramics Group:
 - Executing energy saving solutions on conveyors, blowers and air compressors.
- Egyptian Petrochemicals:
 - Executing energy saving solutions on mixers, centrifuges and air compressors.
- In addition to the mentioned before, I have carried out site inspections and energy surveys for many factories such as Nestle Egypt, CePack, Ezz Steel, Egypt Aluminium Company, Egyptian Aluminum Sulphate Company, etc.