

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience, mainly working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/06/1986
Gender : Male
Marital Status : Single
Residence : Qalubia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Banha University, 2008
: El-Tawfeqya Secondary School, 2003

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD 2D
: DIALux lighting application program
: Etap
: Raid system
: HD Clone and Norton Ghost software

TRAINING COURSES AND CERTIFICATIONS

: Compressed Air System Optimization Expert Training (CASO), UNIDO (United Nations Industrial Development Organization), Suez, Cairo (Jan./Feb. 2017).
: Siemens Simatic Manager S7 Advanced Troubleshooting Course, Contro Pro, Cairo (Oct./Nov. 2016):

- Simatic Manager S7 Programming and Troubleshooting.
- OB, FC, FCB, DB and Distributed I/O.

- : Motor System Optimization Expert Training (MSO): Motor Optimization for Fan system, Pumping System and Compressed Air system for Industrial Sectors, UNIDO (United Nations Industrial Development Organization) Alexandria, Cairo (from Jan. till Mar. 2016).
- : Wonderware InTouch 9.5 HMI, Historian Maintenance and Clients Training: InTouch 9.5 Scada system Fundamentals, Programming and Troubleshooting, ACSI (Advanced Control Solutions Inc.) Sylvania, Toledo, Ohio, USA (Aug. 2015).
- : Production and Operations Management: Productivity, Capacity, Forecasting, Location planning, Inventory and Supply Chain, Brilliance School, Victoria University, Cairo (Feb. 2015).
- : Allen Bradley ControlLogix & CompactLogix Training using RSLogix 5000 software, El-Sewedy Automation, Cairo (Sep. 2014):
 - ControlLogix Fundamentals, Maintenance and Troubleshooting.
 - RSLogix 5000 Fundamentals, Troubleshooting and Programming.
- : Simatic Manager S7 Basics, Programming and Troubleshooting, MAS for Trading, Cairo (Jun. 2013).
- : Power System Protection (Generator, Motor, T.L., Bus Bar and Transformer), Jelecom Training for Excellence Company (from Mar. till May 2011).
- : ICDL (International Computer Driving License) (from Mar. till May 2008).
- : PLC General knowledge at Network Training Center in Helwan, (Aug./Sep. 2007).
- : Automatic control by contactors: Basics of Motors Hard Wiring Control using relays, timers, push buttons and contactors, Silesian Institute (DON BOSCO) (from Sep. till Nov. 2007).
- : Electricity for Civil Installations: Basics of hard wiring for normal electricity wiring through civil buildings, Silesian Institute (DON BOSCO) (Sep./Oct. 2006).
- : English: TOEFL IBT Certificate with Score 72.
- : Summer trainings at:
 - Mercedes-Benz (MCV) (Jul. 2006).
 - West Cairo Power Plant (Jul./Aug. 2006).
 - Radio and TV Power Plant (Jul. 2007).
 - Network Training Center at Helwan (Aug./Sep. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Mar. 2014 till now
Employer	: Sphinx Glass, Sadat City – 7th Industrial Zone – Menoufia
Job title	: Senior Electrical Power & Instrumentation Engineer
Job Description	: <ul style="list-style-type: none"> • Leading a team of 6 technicians (3 Elec + 3 Mech) to perform weekly engineering department maintenance and projects. • Leading the energy team to achieve the annual energy savings targets and objectives by implementing currents projects and creating new innovative short term case studies. • Preparation & supervision of executing preventive maintenance programs. • Participate in preparing the budget for all electrical and process automation activities.

- Assisting in minimizing plant equipment losses according to monthly KPI'S.
- Responsible for the plant power feeding LV, MV, Transformers, UPS and Generators follow up maintenance and performance.
- Performing calibration and maintenance for Instruments, pressure meters, Flow meters and Thermocouples.
- Performing maintenance tasks according to OSHA disciplines and safety regulations.
- Responsible for backup of PLC programs and diagnose problems in terms of Hardware and software (S7 200, 300, 400, AB Control Logix, Compact Logix).
- Assisting in ISO projects for 14001 and 18001 and 50001 Certificates.
- Make necessary backups for all PCs used in machines and controls.
- Installation, commissioning and calibration of Instruments in the plant.
- Maintenance of motor Drives, erection and parameters modification.

Dates : From Jun. 2011 till Mar. 2014

Employer : Cairo for Packing Production (Cairo PAC), 6th of October

Job title : Electrical & Mechanical Maintenance Engineer

Job Description :

- Attended the installation and commissioning for production lines with Italian, English, Switzerland engineers and technicians for 3 production lines of three piece can.
- Lead a team of 8 technicians (2 Elec & 2 Mech + 4 assistants).
- Writing maintenance strategies according to installation and commissioning guidelines manuals.
- Implement maintenance strategies, procedures and methods.
- Diagnosing breakdown problems, controlling maintenance tools, stores and equipment according to OEE.
- Responsible for backup of PLC programs and diagnose problems in terms of Hardware and software for all production lines (S7 200,300,400 and LG).
- Preparing and implementing action plans effectively to maximize overall equipment efficiency of production machines related to maintenance KPIs.
- Distribution of work load to operators in order to achieve daily production target.

Dates : From Aug. 2008 till Apr. 2011

Employer : Air Defense Forces, Egyptian Armed Forces

Job title : Electrical Power Maintenance First Lieutenant

Job Description :

- Perform electrical maintenance for launchers, guns and sky guard radar stations.
- Maintain permanent high efficiency for the whole previous weapons.
- Investigate problems and recommend solutions.
- Lead the Company to perform the sudden and urgent missions with high performance and efficiency.

Projects:

- Hot Well Pump retrofitting from Soft Starter to VSD Case Study (13,600 \$ annual cost savings).
- Compressed Air Power Savings Project. (32,000 \$ annual cost savings).

Organizational / Managerial Skills:

- Leadership: I am currently leading a team of 8 people for the engineering projects, in addition the energy team which includes additional 4 people.
- Goal setting and meeting goals: as we are keen on achieving our annual targets and objectives in energy performance and breakdowns.
- Implementing Strategy and Plan: I used to develop a plan and strategy since I was serving in the army to avoid time loss and Mind stray.