

Holds a B. Sc. in Electrical Engineering and has about 7 years hands-on experience working in maintenance and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/03/1986
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering, Higher Technological Institute (10th of Ramadan), 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: C++ Borland
: Simulation software such as Multisim 2010 and Automation Studio v5.01
: PCB design using EAGLE Layout software
: See Electrical & AutoCAD Electrical

TRAINING COURSES AND CERTIFICATIONS

: Jun. 2015: Industrial Instrumentation (Analog & Digital instrumentation, Analyzers, Motorized control valves).
: Feb. 2014: Advanced Electrical training (PLC faults troubleshooting, Citect SCADA Schneider, Classic control troubleshooting, Instrumentation principles) by Degremont.
: Dec. 2013: confined space training (industrial safety training).
: Oct. 2013: firefighting training (Firefighting Authority).
: Aug. 2013: First Aid training (El-Helal elahmar healthcare organization).
: Nov. 2012: Sludge line and water line process (at contract 19 project, Elgabal Al-Asafar station WWTP (Degremont).

- : Nov. 2010: Part of Lean training developing team in EI-Alamien for printing and packing. My responsibility was to provide the production department with solutions to improve the work flow and reduce the bottle necks during the printing phase by training the technicians and workers how to avoid losses which increases the printing phase (EI-Alaimen for printing & packing).
- : Summer 2010: Don Bosco Training Center (PLC Siemens, S7200 and pneumatic circuits).
- : Summer 2009: CCNA Training in OFOK Academy (Fundamentals of IT plus the basic principles and information to deal with Cisco routers and switches and connecting between computers using Cisco devices).
- : Summer 2008: ASEC Automation Company and Helwan Cement Factory (practical applications of PLC, DC and AC motors in real industry).
- : Summer 2007: Technology Competency Center (PLC programming using FBD language and S5 Siemens, PID principles and PCB burning methods).
- : Summer 2006: First practical training in Alexandria Electrical Distribution Company (XLPE Cables, distribution panels and their components and conventional control principles).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2016 till now
- Project** : East Alexandria waste water treatment plant (Rehabilitation, Operation & Maintenance)
- Job title** : Electrical Engineer
- Job Description** :
- Follow up the day to day preventive maintenance activities.
 - Monitoring and analyzing breakdowns using analysis tools like (thermal camera & power analyzer) and providing solution for the daily electrical and control problems.
 - Effectively provide solutions for the daily electrical and control problems.
 - Periodically request the needed electrical material & spare parts through the manufacturers or supplier agents.
 - Participate in the plant's On-call maintenance.
 - Report to the maintenance manager.
 - Giving training as part of the contract to the client in the field of (Instrumentation, Low voltage).
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- Dates** : From May 2012 till Jun. 2016
- Project** : East Alexandria waste water treatment plant (Rehabilitation, Operation & Maintenance)
- Job title** : Operation Engineer
- Job Description** :
- Following up & monitoring the regularity of the water line and sludge line process in the plant.
 - Plan, control & supervise the preventive maintenance actions for both mechanical and electrical teams to ensure the efficiency of the maintenance done Planning and managing the technicians and workers who are under my supervision to do their regular tasks.
 - Monitoring equipment performance which includes pumps, motors, lifters and giving alternative solution in case of the performance decrease.

- Planning & scheduling assignments to achieve pre-set goals within time parameters.

Dates : From Mar. 2011 till Apr. 2012
Employer : CompuME Stores
Job title : IT Technical Support Engineer
Job Description :

- Solving all hardware and software problems which faces the customers on their laptops and other devices like routers, screens, etc.
- Managing the work flow at the work area and scheduling items under warranty which have to be send to RMA department and giving customers an appropriate dead time for receiving their items back in fixed condition & solving all kind of IT problems inside the company.

Dates : From Aug. 2010 till Feb. 2011
Employer : Alamien for printing and packing
Job title : Electrical Maintenance Engineer
Job Description : Responsible for discovering, fixing and maintaining the electrical faults in both power and control circuits including Motors and controllers like PLCs and drives.

Skills:

- PLC programming (S7-200, S7-300, Logo), PLC panels.
- CAD design programs including (Automation Studio, See Electrical).
- LV MCCs.
- LV Drives & Soft starters.
- Motors (LV & MV).
- Troubleshooting and analyzing PLC and SCADA malfunctions.
- Industrial instrumentation.
- Waste water process including (biological treatment and Sludge Dewatering).
- Strong knowledge of analytical Lab result of sludge line and water line.
- Ability to read and perform the electrical drawings.
- Good knowledge about Air compressors and Air boosters.