

Holds a B. Sc. in Electrical Power & Machines Engineering and a Electrical Power Engineering Diploma. Has over 6 years hands-on experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/05/1989
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2011
: Electrical Power Engineering Diploma, Alexandria University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD Electrical

TRAINING COURSES AND CERTIFICATIONS

: PLC 1 (S7 200, MK120S).
: PLC 2 (S7-300, S7-400).
: SCADA & HMI (WinCC).
: Power system installation.
: AutoCAD
: Microcontroller using Atmel AVR.
: PCB
: Matlab programming and GUI.
: Trainings at:

- Rashid Petroleum Company.
- Amriya Pharmaceutical Industries.
- Damanhour Power Generation Station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2015 till now
Employer : Rashid for Petroleum & Burullus for Gas Company
Project : Alarms Transfer Project, the project scope was to transfer alarms at offshore platforms to have the ability to monitor and control the electrical power systems:
- Two Diesel generators one from CAT with EMCP V3 through Modbus RTU protocol, the other has Allen Bradley PLC.
 - Two UPS from Emerson through Modbus protocol.
 - Two Power Meter PM620, and New Turus and Libra Generators from onshore SCADA. The SCADA system was WinCC v7.4.
 - Improving the SCADA system (Factory talk view, Allen Bradley PLC, Protection relays (Sepam and Tesys-t)).
- Job title** : Electrical Power & Control Engineer
Job Description :
- Modifying and improving SCADA system for Electrical Switch Gear (FactoryTalk SE, Citect).
 - Attending installation, commissioning and start-up for new Turus and Libra BP fields.
 - Performing Electrical Permanent Maintenance for (MV, LV, UPS, Diesel Generator, Motors).
- Dates** : From Jul. 2015 till Sep. 2015
Employer : El-Sabah for food industries
Job title : Electrical Engineer (Shift Engineer)
Job Description :
- Responsible for:
- TetraPak® Dairy and Juice Processing Line.
 - SIG Combibloc Al Obeikan® filling Machines.
 - Other Utility like (Transformer, Electrical Switch Gear, Cooling Systems, Water Treatment and Boiler).
- Dates** : From Apr. 2014 till Jul. 2015
Employer : Printing & Packing Technology (PPT)
Job title : Electrical Control Engineer
Job Description :
- Building a new control system to machines which have ineffective control system.
 - Electrical maintenance.
- Dates** : From Sep. 2013 till Apr. 2014
Employer : Modern Company for New Industries
Job title : Electrical Maintenance Engineer
Job Description :
- Electrical maintenance.
 - Improving and developing SCADA & control system (WinCC flexible).
 - Installing and re-programming the new batching system (S7-200).
 - In this company we have a big furnace to produce Sodium Silica the control system was ineffective. Many things were disabled i.e. temperature control system was manual, the operator controls the temperature by changing the percentage of the gas flow using a hand operate flow control valve. This method is very old one and wasting

much gases. What did I do? Installing a new proportional control valve. Write the PLC program, also the SCADA, and making an automatic closed loop control system. It was very economic and useful.

Dates : From Jun. 2011 till Sep. 2013
Employer : Alpha Technology Group
Job title : Automatic Control & PLC Instructor
Job Description : Give training courses for:

- Alexandria Water Company about PLC and HMI.
- Behera Water and Drainage Company BWADC about PLC.
- Damanhour Industrial Secondary School about PLC.

Technical Skills:

- Very good experience in programming and troubleshooting PLC Siemens, Schneider, Allen Bradley, Unitronics, Wago.
- Very good experience in HMI WinCCFlexible, Panel Builder, Vijeo Designer, WinCC, Factory Talk Studio, Vijeo Citect.
- Installing various control panels.
- Good experience in Pneumatic and hydraulic control.
- Designing low voltage distribution panel.
- Very good experience in AutoCAD Electrical.