

Holds B. Sc. and M. Sc. in Electrical & Automatic Control Engineering and has over 5 years technical and practical experience combined with studying the electrical requirement for the new projects, designing the electrical network for the new projects, execute and follow up the electrical design and installation of new factory, work in installation and commissioning, designing the control panels and have the ability to program the PLC, dealing with suppliers, vendors and third parts, working in the field of sales in electrical meters and cables and accessories and has excellent experience in electronics, machines, drives, soft starters, control, PLC and HMI system.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/10/1985
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical & Automatic Control Engineering, Arab Academy for Science & Technology, Alexandria, 2008
: M. Sc. in Electrical & Control Engineering, Arab Academy for Science & Technology, Cairo, 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Zelio software (PLC program)
: Ecodial software
: AutoCAD
: Primavera
: Assembly language
: Matlab
: VHDL language

TRAINING COURSES AND CERTIFICATIONS

- : Trainings at:
 - GAPCO
 - ABB
 - Zenien Waste Water Treatment
- : PLC "TIA" Programming Level 1 (ST-PRO 1):
 - System overview and essential performance features of the SIMATIC S7 system family.
 - The components of the STEP S7 Basic Package.
 - Program execution in the automation system.
 - Binary and digital operations.
 - Configuring and assembling an automation system.
 - Addressing and wiring of signal modules.
 - Hardware and software start-up of the automation system.
 - Reinforcement of the content through exercise in the device.
 - Introducing the TP177B Touch Panel.
 - Introducing the MM420 drive.
 - Configuration and parameterization of PROFIBUS DP.
 - Backing up and documenting executed program changes.
- : Training of Trainers (TOT) – Basics:
 - Defining learning objectives.
 - Structuring of training and learning sequences.
 - Application of moderation techniques.
 - Activation of participants.
 - Development of training concepts.
 - Presentation techniques and rhetoric.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2013 till now
- Employer** : National Academy for Science & Skills
- Job title** : Industrial Technology Trainer
- Job Description** :
 - Plan & organize training courses in the specified topics of expertise.
 - Assist in developing material for new coursework.
 - Deliver training courses in line with Academy standards and course objective.
 - Evaluate the trainees and students according to Academy standards and course objective.
 - Prepare regular course evaluations and reports to administration.
 - Assist in administrative responsibilities of the department.
 - Propose new courses and to assist in upgrading current ones.
 - Work on upgrading skills and knowledge base.
- Dates** : From May 2010 till Aug. 2012
- Employer** : Samcrete Building System
- Project** : Concrete Factory (OMAG)
- Job titles** : Operation Engineer / Site Engineer

Job Description :

- Operation Engineer (from Sep. 2011 till Aug. 2012):
 - Plan, direct and supervise through subordinate supervisors.
 - Troubleshooting and make maintenance and repair of programming system, machines and control panels.
 - Plan and handle the production rate to be suitable for storing area.
 - Determine the needs for fasting the production rate and supervises the implementation for the factory needs.
- Site Engineer (from May 2010 till Sep. 2011):
 - Studying the electrical requirements for the new concrete factory (OMAG).
 - Designing the electrical network for the new concrete factory (OMAG) in field of lighting, distribution and earthing.
 - Dealing with suppliers, vendors and third parties.
 - Execute and follow up the electrical design and installation for the new concrete factory (power panel, control panel, conveyor system, pneumatic system, hydraulic system, PLC and SCADA system).
 - Install and erect machines, panels for the new concrete factory (OMAG).
 - Design the power and control panels for sequential machines like water pump, vibrators and factory systems.

Dates : From Dec. 2008 till Feb. 2010

Employer : IEE International for Electrical Engineering

Project : P&G and Lipton

Job title : Project Engineer

Job Description :

- Studying the electrical requirements for the new projects (P&G and Lipton).
- Designing the control panels which control the speed of the motors by using inverters.
- Erect and install the control panels and follow up the electrical installation and the mechanical installation in the site (P&G and Lipton).
- Sales Engineer for the cable chain and special cables.

Dates : From May 2008 till Oct. 2008

Employer : ALFAMATIC

Projects : American Embassy, Al-Patros Palace, Rokaia Muhammad Anour El-Sadat Villa, Hydlina

Job title : Site Engineer

Job Description : Follow up and install the automatic doors.

Field of experience : Technical and practical experience combined with studying the electrical requirement for the new projects, designing the electrical network for the new projects, execute and follow up the electrical design and installation of new factory, work in installation and commissioning, designing the control panels and have the ability to program the PLC, dealing with suppliers, vendors and third parts, working in the field of sales in electrical meters and cables and accessories and I have excellent experience in electronics, machines, drives, soft starters, control, PLC and HMI system.