

100121-MET-DM-E-2007
Senior Low Current Systems Engineer

Holds a B. Sc. in Mechanical Engineering (Mechatronics) and has about 10 years extensive experience in the Middle East and Low Current Systems. He has been involved in many landmark projects through their full life cycle of engineering, construction, manufacturing, commissioning, operation and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/10/1984
Gender : Male
Marital Status : Married
Residence : Currently Doha, Qatar

EDUCATION

: B. Sc. in Mechanical Engineering (Mechatronics), Higher Technological Institute in 10th of Ramadan City, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Autodesk Revit
: AutoCAD
: Solid Works
: Cad Soft EAGLE Layout Editor
: Cadence OrCAD
: Rockwell Automation RSLOGIX 5000

TRAINING COURSES AND CERTIFICATIONS

: Qatar Green Leaders (Nov. 2014): Autodesk Revit 2015 Professional workshop (Arch., Struc. & MEP).
: Smart Life, Egypt (Mar. 2011):

- Intrusion detection system.
- CCTV and IP camera system.
- Fire Alarm.

: MarquipWardUnited, Germany (Sep. 2009): 10 days General training in MWU machines.

- : Al Adham for Electronics and Control (ADEC), Egypt (from Aug. till Oct. 2008):
 - Design electronic cards by EAGLE Layout Editor & OrCAD.
 - Microcontroller design.
 - Maintenance electronic cards.
 - Sensors calibration and testing.
- : Courses at AUTOTEC (Apr. 2007):
 - Step7 Basic course.
 - Step7 Advanced course.
 - S7 Communication course.
- : Summer training at Arma Food Industries (2006):
 - Production division.
 - Maintenance division.
- : Summer course at EAC Training Center (2005):
 - Cad Soft EAGLE Layout Editor program.
 - Printed circuit board.
 - Cadence OrCAD program.
 - Pic microcontroller.
- : Summer training at Technology Competency Center (2004):
 - Power and control circuits.
 - Pneumatic.
 - Hydraulic.
 - PLC S5 using step5 program.
- : Summer training at P.P.P. Industry (2003):
 - Production division.
 - Maintenance division.
- : Workshops and laps of HTI (Higher Technological Institute in 10th of Ramadan City), summer training (2002).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2011 till now
- Employer** : SAMKO INTERNATIONAL CO. WLL, DOHA, QATAR
 Samko is a leading Specialist Engineering, Fabrication and Contracting group, operating in international markets, in Mechanical Electrical and Plumbing Systems (MEP).
- Projects** :
 - Al Milaha Logistic City, Doha, Qatar (from Aug. 2015 till now):
 - Scope of work: all the electrical and low current systems.
 - Westin / Regent Hotel, Bin Mahmoud South, Doha, Qatar (from Dec. 2011 till Feb. 2016):
 - Scope of work: all MEP (5 stars hotel, 365 rooms, fitness center & public areas).
- Job title** : Senior Low Current Systems Engineer
 (Structured Cabling, Active Network, Fire Alarm, Lighting Control, UPS, CCTV, Access Control, Intrusion Detection, IPTV, Digital Signage, BMS, Audio Video, and Public Address)
- Job Description** : Performing all engineering work for Low Current Systems as following:
 - Tenders and Offers Study.

- Contracts preparation.
- Material Take-Off.
- Material Submittals.
- Shop Drawings & As Built Drawings.
- Coordinating Shop Drawings by Autodesk Revit.
- MEP Coordination Drawings.
- Installation and Inspections Supervising (Test and Commissioning).
- Client Training.
- Handover to Consultant, Client, MOI, QCDD, ...etc.

Dates : From Jan. 2011 till Dec. 2011
Employer : Smart Life, Egypt
 A national company specialized in Low Current Systems and HVAC.
Job title : Low Current Systems Engineer
Job Description :

- Research and development for new solutions.
- Engineering study and design for tenders and projects.
- Supervising the installations.
- Customer support.

Dates : From Jan. 2011 till Dec. 2011 (part time)
 From Nov. 2008 till Jan. 2011 (full time)
Employer : Marquip Ward United
 MarquipWardUnited, a Barry-Wehmiller company, is an international market leader in high-speed corrugating, finishing and sheeting machinery for the corrugated box and paper converting industries. Headquartered in Phillips and Wisconsin in USA.
Projects :

- INTERPACK Co., Kuwait (from Feb. till Dec. 2010): Complete corrugated carton line and 2 finishing machines.
- El Baddar Co. for Packages, Egypt (from Dec. 2009 till Feb. 2010): 2 Finishing Machines.
- FinePac, Egypt (Oct./Nov. 2009): Upgrade the Double Baker Machine.
- First Company, Egypt (from Dec. 2008 till Apr. 2009): 2 Finishing Machines with twin box slitter.
- New-FinePac, Egypt (from Nov. 2008 till May 2009): Complete corrugated carton line and 2 Finishing Machines.

Job title : Field Service Engineer
Job Description :

- Installation for new MWU machines and factories.
- Test and Commissioning for MWU machines and factories.
- Programing Allen-Bradley PLC (CompactLogix & ControlLogix System).
- Maintenance MWU machines include electrical and mechanical.
- Customer support.

Dates : From Feb. 2007 till Jun. 2008
Employer : Gustav Wiegard East Roll, Egypt
 A multinational company specialized in maintenance and machining mechanical spare parts especially steel factories.
Job title : Technical Support Engineer
Job Description :

- Tenders study, drawing analysis and cost analysis.
- AutoCAD and Solid Works drawing.

- CNC maintenance.
- Archiving data.

Field of experience : After gaining site experience in Egypt, Kuwait and Poland from 2007 to 2011, I joined SAMKO INTERNATIONAL in 2011, my skills lie in the design and supervision of Low Current Systems including preparation of material submittals, workshop drawings, as built drawings and coordinate MEP services with other disciplines (e.g. structural, architectural and mechanical), and attending design and construction coordination meetings. I have an extensive understanding of all engineering disciplines.