

100787-ELE-58M-E-2009
Section Head Electrical Maintenance Engineer

Holds a B. Sc. in Electronics & Automatic Control Engineering and has over 8 years hands-on experience working in Electrical / I&C installation and maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/04/1987
Gender : Male
Marital Status : Married
Residence : Menoufia

EDUCATION

: B. Sc. in Electronics & Automatic Control Engineering, Menoufia University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: Siemens S7 manager basic (MAS Trading).
: 5S (LEAN Manufacturing principles).
: OSHA (Occupational Safety and Health Administration).
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2013 till now
Employer : Elabd Group
Job title : Section Head Electrical Maintenance Engineer
Job Description :

- Start-up ESIMEC sheet metal machine with Italian experts & maintenance responsible for WM Cabinet and Drum automated line.
- Treated with Siemens Plc S5, S7-200, S7-300, S7-400.
- Start-up two WM assembly lines Italian and Chinese.
- Design Control panel for tool change for hydraulic press.

- Design Control panel for painting cabinet with Zelio PLC.
- Troubleshooting Plastic injection machine.
- Troubleshooting Painting lines electrostatic & enameled.
- Troubleshooting sheet metal presses (hydraulic & mechanical).
- Translate & edit program from Italy to English language and downloaded it for nine Siemens OP17 HMI.

Dates : From Sep. 2011 till Jan. 2013
Employer : AEE (Advanced Electronics Engineering)
Job title : Automation & Instrumentation Engineer
Job Description : Successfully accomplishing various tasks and projects:

- Start-up sewage water station with five Gefanuc PLCs & Delta HMI for SIDC Company.
- Start-up Italy Washer Production line with Gefanuc PLC for White Point Elabd Sadat.
- Participated in Kaliope water treatment station Scada Cimplicity & Gefanuc PLC.
- Start-up Glue machine with programming S7-300 PLC & two SSDparker Inverters for VERTA for paper.
- Treated with Mitsubishi PLC & HMI (programming, replace with another type and solving machine problems).
- Install & programming over Fifty DC drives Sprint in various Applications.

Dates : From Mar. 2010 till Aug. 2011
Employer : Automation Egypt
Job title : Automation & Instrumentation Engineer
Job Description :

- Construct Scada system in Heinz Egypt Company with Fatek PLC & Scada Daq factory.
- Upgrade arabesque machine with Mitsubishi PLC and HMI.
- Construct pump sequence system with three pumps, Mitsubishi plc and one ABB inverter.
- Install most automation instruments.
- Install 100 damper actuator For KOC company HVAC system in Kuwait.

Dates : From Sep. 2009 till Feb. 2010
Employer : Ever grow for specialist fertilizers
Job title : Maintenance Engineer
Job Description :

- Treated with Premium (Schneider plc) & Monitor pro Scada.
- Treated with Ac induction motor and its drives (Altivar71, aAltivar31, LG, Toshiba and ABB).
- Treated with packing machines & drying machines.
- Treated with some instruments such as (Weighing system (load cell and its controller), pt100 and TC transmitter, Flow meter, Vega level switch and ultrasonic level.

Field of experience :

- Design Preventive maintenance plan.
- Failure & effect mode analyses (FEMA).
- Calculation of Keys Performance Indicators (KPI).

- Computerize maintenance management system (CMMS).
- Experience in programming and configuring PLCs (Schneider - Mitsubishi - Siemens - GeFanuc - Delta).
- Experience in programming and configuring HMI & SCADA (Siemens - Mitsubishi - Proface - Delta - Fuji Wonderware Intouch - Cimplicity - DAQ factory).
- Experience in installing, configuring Servo Drives, Dc Drive and AC drives (Mavilor - SSDParker - Sprint - Schneider - ABB - Mitsubishi - Sanch - Delta).
- Experience in Calibration, installing and configure instrumentation devices (Temperature controllers, PT100, Thermocouples, Weight controller & indicator, Chart recorders, Encoders, Ultrasonic level, Flow meters, Low and high level sensor).
- Treat with Pneumatic & Hydraulic systems.
- Identify, install, and operate new as well as existing controllers, instruments and equipment as required.
- Providing assistance, support and problem solution to different customers.
- Administering, supporting, troubleshooting and maintaining several machines.
- Hardware Skills:
 - 90-30, Vesamax, micro (GE FANUC PLCs).
 - S7-200 & S7-300 & S7-400 (Siemens PLCs).
 - FXseries, Alpha & Aseries (Mitsubishi PLCs).
 - Zelio & TSX Micro & Premium (Schneider PLCs).
 - DELTA, Fatek, Koyo PLCs.
 - Siemens, Mitsubishi, Delta, Fuji, Proface (HMI).
 - AC Drives (SSDParker, ABB, Delta, Electricsanterno, Meiden, Powtran, Telemecanique, Sanch).
 - DC Drives (Sprint, SSDParker, Electricsanterno & ABB (DCS400)).
 - Mavilor (Infranor servo drive).
 - Control technique servo drive.
 - Instrumentation Devices (Flowmeters (Isoil & Arkon), controllers (fuji, Emko, Ascon,), Level (VEGA & Nivilco), Chart recorder (Jumo & Fuji).
- Software Skills:
 - Proficy Machine.
 - LABVIEW & VISUAL BASIC 6.
 - Simatic S7 Manager & STEP 7.
 - MicroWIN.
 - PL7 Pro & Unity Pro.
 - ISaGRAF PEP.
 - Vijeo-Designer & Vijeo-Designer Lite.
 - Cimplicity.
 - Wonderware Intouch, Simatic Wincc, Daqfactory & IFix-
 - C++ programming.
 - PLC Microcontrollers IDEs.
 - Proteus VSM, Eagle.
 - Adobe Photoshop.