

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years hands-on experience working as Maintenance Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/01/1987
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Al-Azhar University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D (V2006)
: Corel Draw
: PLC Programming

TRAINING COURSES AND CERTIFICATIONS

: Online Training course in Project Management (Fundamentals of Project Planning and Management), University of Virginia (Nov. 2016).
: SCADA Siemens Wincc flexible 2008 (2013).
: PLC Siemens S7-300 & 400, Al Salesian Institute Don Bosco (2012).
: PLC Siemens step7-200, Al Salesian Institute Don Bosco (2011).
: Microcontroller, JELECOM (2010).
: Conventional Control, Technology Center Competency (2008).
: AutoCAD 2006, Al Salesian Institute Don Bosco (2008).
: General & Conversational English, Ministry of Defense Language Institute (2007-2009).
: Summer internships at:

- South Cairo for Electrical Distribution, Ministry of Electricity & energy (Feeders, Cables, Protection instruments, Transformers).

- El Maco (Transformers).
- Shoubra Co. for Engineering Manufacturing (Motors manufacturing, Mechanical machines).
- Electrical Network Training Center in Helwan (Conventional control, PLC Siemens). Station Training Center in North Cairo, Ministry of Electricity & Energy (Conventional control, Single phase motors, Transformers, PLC Dos).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2017 till now
- Employer** : RAVAGO MIDDLE EAST, KSA
- Job title** : Maintenance Engineer
- Job Description** :
- Supervising electrical installation for new plant section.
 - Preparing Cables list.
 - Procurement tools required.
 - Cable pulling.
 - Cables connection and termination.
 - I/O checks.
 - Manage presence of vendor representative for PLC programming.
 - Suggestion and recommendations for better control sequence in production.
 - Reporting and meeting for work progress.
 - Final commissioning for the finished electrical installation.
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- Dates** : From Sep. 2013 till Apr. 2017
- Employer** : ALPLA (former ARGO EGYPT PLASTICS S.A.E.), El-Obour City, Cairo
- Job title** : Maintenance Engineer
- Job Description** :
- Continuously follow all safety and hygiene rules and followed by production personnel.
 - Develop maintenance schedules for preventive plan.
 - Review production, quality control and maintenance reports and statistics to plan and modify maintenance activities.
 - Confer with management, engineering and quality control personnel to resolve Maintenance problems and recommend measures to improve operations and conditions of machines and equipment.
 - Prepare department budget and monitors expenditure of funds in budget.
 - Installing for new machines electrically and mechanically.
 - Recording data of machines, drivers, inverters...etc.
 - Troubleshoot all Electrical Components for the plastic machines:
 - Temperature control system.
 - Motors control and driving systems (drivers & inverters).
 - Sensors and encoders.
 - PLC's, HMI's and Electro-Mechanical.
 - Troubleshoot Hydraulic and pneumatic systems (Pumps, valves and cylinders).
 - Troubleshoot chiller breakdowns.
 - Supervising maintenance for air compressors low and high pressures.
 - Screening and interviewing candidates for maintenance team.
 - Training production team members on proper machine working

procedures.

- Following up the availability of required spare parts, tools and consumables.
- Contribute in cost saving target in spare parts.
- Manage and cooperate with external collaborators for building maintenance as well as building internal team.
- Assist in supervising electrical installation for new plant.

Dates : From May 2011 till Jun. 2012
Employer : Franknoe Ltd (6th of October City, Giza, Cairo)
Job title : Maintenance & Automation Engineer
Job Description :

- Maintain the equipments within the required efficiencies and immediate response to machines breakdowns.
- Carry out preventive maintenance plan.
- Operating the equipments within the required operating conditions.
- Technically inspect/accept new spare parts.
- Engineering project (vision system) for automated quality check of products using NI components.
- Modifying PLC programming code to fit the mechanical modification of machines.
- Assist in mechanical improvement of machines.
- Training production labors in the proper operation for machines with PLM (Production Lead Maintenance) documents.
- Achieve and analyze department KPIs and issue periodic follow-up reports.
- Lead training for technicians and new comers.
- Control Maintenance expenses.

Dates : From Dec. 2010 till May 2011
Employer : Ceramica Venezia (6th of October City, Giza, Cairo)
Job title : Electrical Maintenance Engineer
Job Description :

- Organizing routine servicing schedules.
- Checking and calibrating instruments to make sure they are accurate.
- Direct and coordinate installation, maintenance, support, documentation and testing.
- Responding immediately to equipment breakdowns.
- Fixing faults on site or arranging for replacement machinery or equipment to be installed.