

Holds a B. Sc. in Electrical & Electronics Engineering and has over 3 years hands-on experience working in construction, maintenance and commissioning.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male

## **EDUCATION**

: B. Sc. In Electrical & Electronics Engineering, Menoufia University, 2013

## **LANGUAGES**

Arabic : Native Language  
English : Good  
French : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: PLC, Jelecom (Nov. 2009)-

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2016 till now  
**Employer** : Mahmood Saeed Cans & Ends Industry  
The company field is in Aluminum Can Manufacturing with the highest technology all over the world with 3000 can per minute production rate for the line, this high rate and speed require special skills to be as fast as the line speed for troubleshooting, PM and also Continuous Efficiency Improvements.  
**Job title** : Electrical Project Engineer  
**Job Description** :

- Handling the electrical maintenance activities in my shift & with the other shifts.
- Responsible for backup of PLC programs (ControlLogix 5000) & diagnose problems in Terms of Hardware and software to maintain factory software & parameters.

- Troubleshooting the Networks machines problems (Ethernet and Device net).
- Editing on the machine, conveyors and line control PLC programs as required to increase the production efficiency.
- Responsible for maintenance and troubleshooting of various types of motors and drivers.
- Creating electrical and also some mechanical preventive actions if required.
- Implement the electrical preventive actions according to plan.
- Work on Increasing the machines efficiency and decrease electrical break down times.
- Setting the shut-down plan after discussion with the maintenance manager and prepare for it.
- Participate in the execution of major shut-down activities specially during Medium Tension Maintenance.
- Design and Implement new electrical projects and create new PM tasks for it.
- Spare parts Ownership (Reported with the required, saving it with the best prices from different suppliers).
- Review machine history with the production dep. and add (SOPs) to PM if required
- Assist in training the technicians on the operation and maintenance.
- Participation in installation and commissioning of new machines Yellow Lining, Static & Dynamic Check, Functional Test Then Operate the machine.
- Be sure that my team keep on Food Safety instructions.

**Dates** : From Dec. 2014 till Jan. 2016

**Employer** : Veri-Tech International

Veri-tech International is an Egyptian private equity organization focused on providing multi-discipline engineering technical consultancy services and project & construction management.

**Job title** : E&I Team Leader

**Job Description** :

- MAJOR ACTIVITIES PERFORMED:
  - Manage E&I Section to meet the development program requirements.
  - Coordinate the Section's activities with those of other Units within the Engineering Department.
  - Supervise technical performance of personnel within the Section.
  - Represent the Section at project and inter-Section and inter-Department meetings, as appropriate.
  - Prepare technical guide specifications, scope of work descriptions, and updates the standard details, design criteria and technical guidelines.
  - Prepare Request for Proposal (RFP) documents with design concepts.
  - Provide technical assistance during pre-bid conferences, proposal evaluations, and post-award and other conferences.
  - Review A/E contractor design drawings, specifications and calculations submittals and coordinates with the work of the other disciplines.

- Review specialty vendor and shop drawings and specialty construction materials and/or equipment submittals.
- Support and Reviews advanced power system analyses.
- Perform field inspection and provide professional field support as necessary during construction phases.
- Prepare interface layouts and conflict solutions.
- Prepare man-hour estimates and material takeoffs.
- Prepare technical correspondence, reports and studies.
- Review and provide guidance in problem areas, recommends solutions, alternatives and improvements.
- **EXPERIENCE AND QUALIFICATIONS:**
  - Medium and low voltage power systems one line diagram.
  - Lighting systems indoors and outdoors.
  - Fire protection and communication systems one line diagrams.
  - Thorough knowledge of the National Electrical Code.
  - Medium and low voltage switchgear.
  - Automation System, switchgear control, monitoring and metering.
  - Thorough knowledge of IEEE and ANSI Standards and knowledge of IEC Standards.

**Dates** : From Aug. 2013 till Dec. 2014

**Employer** : Veri-Tech International

**Job title** : E&I Engineer

**Job Description** : MAJOR ACTIVITIES PERFORMED:

- Installation and commissioning of Power transformers, MV/LV switchgears, MCC's and distribution panels.
- Installation and commissioning of field instruments (actuator (pressure, level, temperature, flow) / transmitter / power analyzer / CT & VT).
- Cable pulling (Underground / cable tray), testing (Continuity / Megger) and termination.
- Design and prepare cable schedule, cable mapping and termination documents.
- Prepare test reports and as built documents for the project.
- Implement and fully understand schematic diagrams and technical documents.
- Supervise and manage site activities, report to head office and communicate with the client.
- Installation and commissioning of low current systems (Fire alarm, CCTV, telephone and lighting system).

**Projects:**

- Mahmoud Saeed for CANs (MSCANCO) (from Oct. 2013 till now):
  - I have shared in the construction of the production lines there.
  - I have worked directly with American Director of Electrical Team and American Supervisor of Instrument Team with Multinational Company Roselein, Inc.
  - I have managed Team with 10 Electricians to install big production lines (Mahmoud Saeed for CANs).
- Upgrade the electrical system at Chevron for Lubricants 6th October Plant (from Jul. 2015 till now):
  - Design a new control system (4 panels) to control pumps.

- Upgrade the control system for GULF CRYO (from Oct. 2015 till now).

**Skills & Expertise:**

- Electricians.
- Engineering.
- Construction.
- Instrumentation.
- Commissioning.
- Inspection.
- Project Engineering.
- Teamwork.
- Problem Solving.
- Project Management.
- Gas.
- Electrical Engineering.
- Team Building.
- Time Management.
- Consulting.
- Pre-commissioning.
- Motor Drives.
- Project Planning.
- Control Systems Design.
- Construction Management.
- Electrical Wiring.
- Programmable Logic Controller (PLC).