

## Member in Egyptian Engineering Syndicate

***Deep Knowledge***

* Pneumatic and Hydraulic systems.
* Contactors, Relays, Solid state relays, Timers, Counters, Overloads, Encoders, Temperature controllers, PLC's, Cables, Circuit breakers, Fuses, Sensors, Switches, Proximity, Photocell, load cell, Pressure transducer, Flow meter, Control valve and Measuring instruments

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* Air – Compressors, Driers, Industrial Water Chillers and steam boilers.
* Electronic Boards. "Design, troubleshooting and Implementation".
* Light Current.
* Low Voltage "transformers, switchgears, ATS, power factor correction, distribution panels and Generators"
* Servo and DC Motors Drive.

*Wael [wael.372703@2freemail.com](mailto:wael.372703@2freemail.com)*

ELECTRICAL CONTROL ENGINEER

# Career objective

To contribute relevant experiences and education background to my working field and to join a company that offers me a stable and positive atmosphere and inspires me to enhance and therefore to

innovate the work culture for the betterment of all parties concerned. I can work effectively in hazardous and sterile areas.

# Work Experience

## Senior control and electrical maintenance engineer "Crew maintenance manager" *from 2002 in till 2014*

, 10th of Ramadan city, Egypt.

* + Supervise the maintenance activity (Preventive and Predictive Maintenance), from electrical and electronic prospective based on the PM Master schedule.
  + Outlines maintenance procedures for electrical & automated systems/equipment to ensure maximum service life and utilization.
  + Reviewing the equipment daily log sheets as well as the weekly and monthly PM sheets.
  + Participate with preparing for the budget for all electrical and process automation activities.
  + Supervision the operation of the utilities equipment.
  + Supervision of the instrument calibration based on the calibration master list.
  + Manage and develop the maintenance staff.
  + Create and implement local EHS programs.
  + Execute the computer system validation/ remediation activities for the facility automated systems.
  + Plan for the new projects.
  + Manage new project until delivered to owner.
  + Find solution for any equipment “Electrical & Mechanical” problems and act as troubleshooter in case of production stoppage.

**Private Business " Electrical supply project " *from 2014 in till 2017***

# Experienced in

* + Field Instrumentations (Control Valves, Pressure Transducers, Flow Meters, Temperature Controllers, fluid regulators and Metering).
  + Handling systems and conveyors.
  + Design Electrical Control Panels.
  + Injecting Machines Plastic Extruders and Thermo forming machines.
  + Control circuits, power circuits, troubleshooting and maintenance.
    - Programmable Logic controller (PLC’s)" Delta, SIEMENS S7(200- 300), SIEMENS S5 and has ability to understanding any other type of PLC in a few days.

***Personal Skills***

* Effectively participating in group discussion.
* Creative, dynamic and challenging.
* Dynamic, confident and self- motivated personality.
* Good Communication skills.
* Effectively working in a team environment.
* Effectively managing time and stress.
* Organizing and presenting ideas effectively.
* Leadership personality.
* Combine between practical experience and academic background.
* Eager to Learn and Discipline.

***Personal information***

* **Nationality** : Egyptian ü **Birth date** : 4/4/1979 ü **Marital Status** : Married ü **Military Status** : Exempted ü **Driving license** : Yes
  + - AC Motors drives (Inverters) types as (SIEMENS, MITSUBISHI, Parker, LG, Fuji, Eurotherm, and Altivar).
    - Dc motor drives (Converters) type as SIEMENS.
    - Industrial Communications Systems "Profibus, Canbus, AS-interface, RS232, RS485 and MPI.

# Education

### Bachelor of Engineering Electrical - Bio medical engineering

Al- Shorouk Academy 2001 Grade Good

**Graduation project Incubator for infinity** Grade Excellent

# Technical Summary

### Continually learning, developing and upgrading my skills and increasing my knowledge through effective training & development programs.

* Certification from industrial systems company (10th of Ramadan) in Fatek PLC,\*easy view\*, HMI, and SCADA system.
* Certification from National Panasonic for communication systems in CCTV, Fire alarm system and Firefighting system.
* Certification from Auto Technology company in PLC Siemens SIMATIC step 7 programming (Level I – II) course.
* Training in KONOZ company in maintenance of electronic cards and revere engineering.

# Computer Skills

* Proficient in windows environment.
* Experienced in using a number of packages such as MS Office.
* Proficient internet user.
* Have a good knowledge in computer hardware.
* Have a good knowledge in some of programming languages such as Visual Basic (programs implementation)

**Availability : I'm able to start work after 4 weeks from announcement. Rank : Senior.**

**Job field : Industrial Engineering, Control Engineering, Instrumentation, Automation, Planning and Project Management**

**Job location : Egypt - Arab Countries Salary : As the Company determines.**

**All documents are available upon request**