

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience working in design and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/06/1987  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2010  
: Secondary Education: Tarek Ebn Ziad Language School

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Adobe Acrobat Professional  
: PLC programmable logic control  
: AutoCAD 2D  
: SAP Program (Search for Materials needed according to Project & Create Purchase requests)  
: Caneco Program (Locate All Motors & Sensors in 3D and calculate Length & Cross Section of Cables & All Protections for Motor)

## TRAINING COURSES AND CERTIFICATIONS

: Power Plant training on operation & maintenance, North Cairo Company for Electric Power Distribution (El Nasr City) (Jul. 2008).  
: Internship at National Center for Control (Aug. 2009).  
: How to be safe you and your team while we deal with the electricity, Safety Course at Ministry of Electricity (Feb. 2012).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2017 till now
- Employer** : [EGYPTROL](#)
- Projects** :
- West Cairo 500KV (E-Plan Drawing)
  - Jushi-Sigma LL330 with Air Liquide at (El Ain El Sokhna): Oxygen Station to feed Jushi Factory (E&I Site Supervision Consultant)
  - Sidpec CO2 Plant with Air Liquide at (Alexandria) inside Sidi Krir for Petrochemicals: CO2 Production and Feed Raw gas from Sidpec (E&I Site Supervision Consultant)
  - Jushi-Sigma LL330 with Air Liquide at (El Ain El Sokhna): Back Up Modification (E&I Site Supervision Consultant)
- Job title** : Senior Electrical Engineer
- Job Description** :
- Scope of work: Site Supervision for All Electrical works and coordinate with all Electrical contractors by weekly meeting and follow up Progress according to Time Schedule to finish and handover with the owner.
  - Check All Electrical Drawing that sent from Design office.
  - Check Shop Drawing that Submit by contractor and compare with the original design and approve.
  - Check All Submittals send by contractors and approve.
  - Check All Samples send for all materials will supply by the contractor and approve.
  - Check Installation of all Electrical Panels, Analyzer Cabinets, Tubing, Junction Boxes, UPS, Transformers, VFD, Bus Duct, Cable Trays and All Cables.
  - Check all Tests for cables continuity, Megger and measures for Earthing, Lightning etc.
  - Coordinate any comments from the owner if it is accepted to be done by the contractors.
  - Put Punch List for the Contractor and Follow up to finalize before Final handover after owner Agreement.
  - Coordinate Weekly meetings and check Technical Points to be finished and if there is any safety points must be followed by the contractor.
  - Revise & Check All Invoices Submitted from Electrical Contractors and Sign it.
- Dates** : From Aug. 2011 till Jan. 2017
- Employer** : ASEC Automation – SIEMENS solution partner, Egypt  
Is a world-class Turnkey Contractor and Supplier of electrical and automation engineering services and equipment to cement plants, oil and gas sector as well as other process industries. With proven track record for more than 15 years, ASEC Automation is well positioned as a regional and international supplier for top world cement producers and cement plants. With 600 specialists coupled with its extensive know-how expertise and as a part of ASEC group, the leading cement service provider in Middle East.
- Job title** : Senior Electrical Engineer
- Job Description** :
- Scope of work: Electric Design and Commissioning for industrial process, Power panels (MDP, MCC, ATS, ACC), AC motors & AC drives and Explosion proof equipment, Field sensors & Field instrumentation.
  - Construct electrical Drawing for Electrical panels, Unit Diagram, Cable

list and Signal list for given strict deadlines According to the client point of view.

- Carrying out of the design, workshop drawing, load estimate, tender package preparation & following up of Electrical Installations, Commissioning & Handing over of the Project.
- Continuity tests of cables and Insulation Tests of all cables and wiring Conductors between Phases and between Phases and earth.
- Continuity tests of cables and Insulation Tests of Motors and Power Transformer.
- Resistance tests of Earthing electrodes.
- Workshop inspection and FAT test for the panels.
- Review the project with proposals manager for comments & approval.
- Provide all necessary information/documents to the client to get the technical approval.
- Attend technical meeting/conference calls with clients.
- Reporting to Technical & Project Manager.
- Work Achievements:
  - Electric Design for:
    - New Cairo Waste Water Treatment Plant (ORASQUALIA).
    - National Cement Company (NCC) Revamping of MCC ACC & Marshalling Panels Line 3 & Line 4.
    - Ain El Kebira Line 1 Upgrade (Algeria).
    - Line 5 Qatar National Cement Company (QNCC).
    - Upgrade Line 1 for Batangas (Lafarge-Phillipen).
    - 2 Coal Mills Amreyah Cement Company (AMCC).
  - Commissioning, Erection & Fat Test for Electric Equipment:
    - AMCC Al-Ameriya Cement Company (Bypass Bag Filter): Pre-commissioning electrical test for Cables, Motors and Transformers and Operation.
    - New Cairo Waste Water Treatment Plant (ORASQUALIA): Pre-commissioning electrical test for Cables, Motor and Transformers and Operation.
    - Tourah Cement Company Revamping for Clinker Transport and Packing Station (Italicementi).
    - Kattamia Cement Company Revamping for 2 Cement Mills and Packing Station (Italicementi).
    - Helwan Cement Company (Bypass Bag Filter): Pre-commissioning electrical test for Cables, Motors and Operation (Italicementi).
    - Fat Test for Marshalling Panels for NCC in (Turkey).
    - Packing Plant for ILO-ILO new Terminal APO Cement (CEMEX-Phillipen).
    - Packing Plant for DAVAO new Terminal APO Cement (CEMEX-Phillipen).
    - Coal Mill for Suez Cement Company (Italicementi).
    - Assiut Compost plant, Electrical installation (Cemex).
    - Upgrade for Burner for Line 1 & 2 Sinai Cement Company (S.C.C).
    - 2 Coal Mills at Sinai Cement Company (S.C.C) with FLS.

**Dates** : From Aug. 2009 till Aug. 2011  
**Employer** : SAMA Automation

- Job Description** :
- One year Training Under Graduate (Aug. 2009 – Aug. 2010).
  - Junior Electrical Engineer (Aug. 2010 – Aug. 2011): Construct electrical Drawing for Electrical panels for AHU.