

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 24 years hands-on experience working in design and technical office.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Nasr City, Cairo

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 1998

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Revit MEP 2016  
: AutoCAD  
: Dialux Evo  
: ETAP Power Station  
: Ecodial  
: ONAN-Generator sizing  
: Lightning Risk Assessment  
: Navisworks

## **TRAINING COURSES AND CERTIFICATIONS**

: Certified Manager, In-Act House, Egypt (2019).  
: Special Training for "Cathodic Protection system" (ECG) (2017).  
: Team Build (ECG Academy, Egypt) (2015).  
: Revit MEP BIM Modeling (ECG Academy, Egypt) (2015).  
: Consultant Electrical Engineer certified by the Egyptian Engineers Syndicate (2014).  
: Design Time Management (ECG Academy, Egypt) (2014).  
: Engineering Design Management (EGEC Academy, Egypt) (2011).

- : Training course for "AutoCAD 2002" (Kemet - AutoDesk Co. Cairo) (2002).
- : Training Centre for "Electrical & Mechanical Power", Cairo North Power Station (Shoubra El-Kheima) (1997).
- : Training Centre for "Electrical & Mechanical Power", Cairo West Power Station (Saeel - Giza) (1996).
- : El-Nasr for Glass & Pallor Company (Mostorod - El-Kalyobia) (1995).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2020 till now
- Employer** : GULF CONSULTING GROUP (GCG) (QATAR - EGYPT)
- Projects** :
- Qatar Early Warning Radar (QEWR) (7 Buildings) Qatar Armed Forces - Qatar Emiri Corps of Engineers
  - Cable Factory for industrial Cable Management Systems (Manateq – Messaieed - Qatar)
  - Alumifoam Factory, Warehouse and Administration Building (Manateq – Messaieed - Qatar)
  - Kindergarten and Primary School for Shk. Abdelrahman Mohamed Althani (Wakra - Qatar)
  - Secondary School for Shk. Abdelrahman Mohamed Althani (Wakra - Qatar)
  - Hotel Apartment (3B, G & 7 Floors) (Al Saad - Qatar)
  - Palace for Shk. Faisal (Gharafa - Qatar)
  - Residential building & 4 Blocks Villas for Mahdi Awad Al-Ahbabi (Doha - Qatar)
  - Administrative Building (2B, Ground, M, 3Floors and PH) (Lussiel - Qatar)
  - JAK Workshop, Store, Admin Building, Showroom and Labor Accommodation for JAK Construction Co. (Birkat Al-Awamer Logistic Park - Qatar)
  - Material Research Center (Brickstone) (Client: Ashghal Authority) (Design & BIM Modeling)
  - Grandstand in Aluqda Equistern Complex (Brickstone) (Client: Ashghal Authority) (Design & BIM Modeling)
  - Many Private Villas/Appartement buildings
- Job title** : Electrical Division Leader
- Job Description** : Putting projects conceptual design basis, scheduling, assigning, and coordination of activities of division teamwork, project documentation, design review, coordination and supervision, daily coordinate with Qatar main office, technical support and enhancing, coordination between various disciplines, secure department resources and preparing municipalities documents feedback and replies. Prepare conceptual design, design review, team assist, BIM modeling, BIM clash solving, design reports, specifications, Bill of quantities. All works complied with Kahramaa / Qtel / QCD regulations and recommendations.
- Dates** : From Jan. 2018 till Mar. 2020
- Employer** : JAMES CUBITT & PARTNERS INTERNATIONAL (UAE - EGYPT)
- Projects** :
- K9 Security & Search Academy (Abu Dhabi - UAE)

- Ben Mezzar Skyscraper Tower (Mixed-use with 80 levels tower) - Reem island (Abu Dahbi – UAE)
  - Al Maadi Twin Towers (Mixed-use complex 9 levels carpark bldg., mall, twin towers with 28 level) (Cairo - Egypt)
  - Seven City (JLT) (Total BUA: 325,949 Sqm-Mixed use complex) - Jumeirah islands (Dubai – UAE)
  - Many Private Villas/Appartement buildings
- Job title** : Electrical Division Leader
- Job Description** : Putting projects conceptual design basis, scheduling, assigning, and coordination of activities of division teamwork, project documentation, design review, coordination and supervision, daily coordinate with UAE main office, technical support and enhancing, coordination between various disciplines, secure department resources and preparing municipalities documents feedback and replies. Prepare conceptual design, design review, team assist, BIM modeling, BIM clash solving, design reports, specifications, Bill of quantities. All works complied with DEWA/ ETISALLAT / UCD regulations and recommendations.
- Dates** : From Jul. 2012 till Jan. 2018
- Employer** : Engineering Consultants Group (ECG)
- Projects** :
- EMAAR Marassi Urban development - Parcel R1 (Residential and Hotels) (North Coast - Egypt)
  - EMAAR Marassi Urban development - Greek Village (Design & BIM Modeling for Residential & Hotels) (North Coast - Egypt)
  - EMAAR Marassi Urban development - Infrastructure works (Commercial Area) (North Coast - Egypt)
  - Industrial zone Infrastructure networks - Alain Alsokhna
  - Cairo Airport Terminal 2 & 3 power plants AVR design
  - Cairo City Centre Building Assessment Report
  - Establishing of Suez Power Plant – Capacity 650 Megawatts – Suez (Design & Shop Drawings)
  - King Abdulaziz International Airport (KAIA) – Jeddah – KSA (Shop Drawings for Orascom)
  - Same - Mwangi - Korogwe Water Supply Project (Tanzania)
  - Etisalat Misr New Premises (Smart Village)
  - Magrabi Medical Center In Muscat
  - Universal Group Office Building – 6 October
  - Magrabi New Hospital In Tanta
  - Clean Fuels Project At Mina Al Ahmadi (Maa) & Mina Abdullah (Mab) Refineries – Kuwait
  - Office/Factory Building, Mesaieed, Marking Services Incorporation – Qatar
  - Amer Group New Head Quarter (Al Sheraton – Cairo)
  - Porto 6 October security networks - Amer Group (6 October)
  - Siemens new blade Factory (Alsoukhna - Egypt)
  - Al-Ajami club and hotel for Cairo police – Alexandria
  - Prepared and participated in many office proposals for projects (technical and financial offers)
- Job title** : Section Head & Principal Engineer

**Job Description** : Acting as team leader, including management, supervision, coordination of an electrical team, as assigned to the project, as well as all conceptual, elementary, detailed design activities and deliverables of all electrical systems for a number of different projects in the Middle East. Including the preparation of design, detailed engineering, issuing tender documents for projects. In addition to attending Client and Project meetings to clarify, verify, support, coordinate, communicate electrical assumptions and electrical design/work for the project with other disciplines and/or Client. Carrying out and participating in a number of proposals, schedules and work procedures, tender and contract documents for a number of projects, in addition to preparing shop drawings according to the approved design and material submittals for many projects.

**Dates** : From Aug. 2011 till Jul. 2012

**Employer** : WorleyParsons (International Oil - Gas & Power Company), Bahrain

**Project(s)** : Al Tatweer Petroleum Project for about (96 oil fields):

- Water Treatment Plant (WTP-01)
- Water Treatment Plant (WTP-05)
- Water Treatment Plant (WTP-06)
- High-Pressure Pumping Station (HPPS-01)
- High-Pressure Pumping Station (HPPS-04)
- High-Pressure Pumping Station (HPPS-06)
- Site Investigation for 33KV Overhead Transmission Line (OHTL)
- Preparing design concept for the 33KV Overhead Transmission Line (OHTL)
- Many Medium/low voltage electrical substations complete design

**Job title** : Senior Electrical Engineer

**Job Description** : Duties include revision and coordination of the electrical team, as well as all conceptual, preliminary, and detailed design activities and deliverables of all electrical systems for different sites in the project. Detailed engineering and issuing drawings for different sites.

**Dates** : From Apr. 2010 till Aug. 2011

**Employer** : EGYPTIAN GROUP FOR ENGINEERING CONSULTATION (EGEC)

**Projects** :

- Cultural Al Souk Complex – Senior Electrical Engineer (the complex contains five Villas, Three Hotels, Two Apartment buildings, Mall, Main Kitchen, Mosque and Auditorium with main two Basement floors) (UAE)
- Cardiac and Orthopedic (French and Germany) Hospital (Cairo) – Senior Electrical and Project Engineer
- Rastromby Village Infrastructure Networks (Power, Electrical Substations, Street Lighting & Low Current) (Marsa Alam)
- Water and Water Treatment Plants (KSA – Altaif)
- Umm Al Qura Village Infrastructure Networks (Power, Electrical Substations, Street Lighting & Low Current) and Cost Pricing (KSA)
- Marafiq Project - Royal Commission (KSA – Al Khobar)
- Al Khafj Project – Shop Drawings and Design Review (KSA – Al Khobar)
- Wadi Al Nile Hospital – extension – design review and shop drawing (Egypt)
- SIANCO Factory for Natural Gas (Egypt)
- Al Noor Hilton Hotel fire alarm system design and construction

- supervision
  - Many Medium/low voltage electrical substations complete design
  - Prepared and participated in many office proposals for projects (technical and financial offers)
- Job title** : Electrical Division Head
- Job Description** : Lead department electrical teamwork, including management supervision, revision, coordination, put conceptual design for preliminary and detailed design activities and deliverables for projects electrical systems in the Middle East. Including the preparation of detailed engineering design, issue projects tender package. In addition to attending client, projects meetings to clarify, verify, support, coordinate, communicate projects electrical assumptions and electrical design works with other disciplines and/or Client. Also carried out and participated in many projects proposals, schedules, work procedures, tenders, and contract documents.
- Dates** : From Nov. 2007 till Apr. 2010
- Employer** : Drake & Scull International Egypt  
(UAE Contractor Company located in Cairo)
- Projects** :
  - Wahah Al Khartoum Project (Sudan - Khartoum) – 12MVA
  - Al Rahmah International Hospital (Egypt - Ismailia Road) – 10MVA
  - Santa Maria Residential Complex (Egypt - Alex. Road) – 8 MVA
- Job title** : Senior Technical Office Engineer
- Job Description** : Responsible for the design, redesign of electrical works, preparing, issuing, reviewing of tender and electrical shop drawings and documentation (design criteria, specifications, bill of quantities....etc.), attendance of electrical equipment witness tests, preparing all field status reports, reviewing material submittals for a number of the Company's local and international projects. In addition to the supervision of construction of the electrical installations and low-current systems, including the approval of contractors' submittals for equipment, materials, shop drawings, review of construction programs, approval of payment certificates, testing, commissioning, final handing over of the project.
- Dates** : From Jul. 2000 till Aug. 2007
- Employer** : Al Estsharyoon Zuhair Fayez & Associates (KSA Consultant Office based in Cairo)
- Projects** :
  - Ministry of Metallurgy Head Quarter Building (KSA - Jeddah) (8MVA)
  - Ministry of Transportation Head Quarter Building (KSA - Jeddah) (10MVA)
  - Sheikh Sultan Al Athel Residence Compound (KSA - Al Riyadh) (3MVA)
  - Saudi Arabia Ambassador Residence in Cairo (Egypt - Cairo - Al Zamalik) (Complete Re-design and renovation of KSA Ambassador Residence)
  - Prototype of Airport Observatory Building (KSA) (Project design works as for a Prototype Building)
  - Al Wallan Mall and commercials (KSA - Al Riyadh) (4MVA)
  - Prince Mohamed Bin Fahd University (KSA - Al khobar) (10MVA)
  - Armor and ammunition sites in KSA (KSA)
  - Jeddah Main Fruit and Vegetable Market (KSA - Jeddah) (12.5MVA)
  - Correction Facility Project (KSA - Jeddah) 13.8KV Medium tension network design (8 loops with 53 transformers) (53MVA)

- Building of Royal Naval Force (KSA – Royal Naval Force – Riyadh). (5MVA)
- Administration & Commercial Center for Al-Aziziah Water Supply (KSA - Jeddah) (3.5MVA)
- Diagnosis & Rehabilitation Center (KSA – Ministry of Education – Riyadh) (3MVA)
- Regional Passport Bureau (KSA – Ministry of Interior – Buryadaha) (2MVA)
- Drug Enforcement Division (KSA – Ministry of Interior) (3MVA)
- High Way Security Force Command (KSA – Ministry of Interior)
- Investigation Authority Branch Region (A) (KSA – Ministry of Interior)
- 500 Bed Hospital (KSA)
- Administration Branch (Mujahedeen General Directorate) (KSA – Ministry of Interior)
- Regional Principality Complex (KSA – Ministry of Interior) Project design works (lighting, power, fire alarm, telephone, MATV systems) (4MVA)
- Al-Nakheel Guest Villa (KSA – Private Villa – Riyadh)
- KINDDOM OF SAUDI ARABIA – Ministry of Interior (MOI):
  - Adapt many sites in new locations in the Kingdom and make all necessary new planning and calculations for changes in site area, HVAC & Plumbing new electrical loads changes.
  - Prepare many bills of quantities and technical specifications.
  - Preparing Life Cost Cycle Study for some projects.

**Job title** : Senior Electrical Engineer

**Job Description** : Responsible for carrying out, issuing, reviewing, coordinating project design, tender, project management of all Electrical systems for projects in Saudi Arabia. Design responsibilities included setting up design concepts/design criteria; developing preliminary and detailed design drawings; and preparing technical specifications, bills of quantities as well as tender and contract documents.

**Dates** : From Jul. 1998 till Jul. 2000

**Employer** : Hamza Associates Consulting Engineering

**Projects** :

- El Arosa Tea Factory (El-Obour Branch)
- Mubarak Pumping Station Project (Toshka) Building design works (protective earthing and potential grading system using building piles & floor reinforcement steel Technique) for Pumping Station, 11KV and three workshops buildings according to: IEEE Std80:1986, IEEE Std 142:1991, BS Std 7430:1991 and NEC (NFPA-70)
- Hammamat Pharaoun Tourist Project
- Suez Canal University Project
- New Navigation Lock at Zifta Barrage
- Wadi El-Nakra Power Plant Project
- Mubarak TV Studio Complex Project (Media Production City - 6 October City)
- AQWATAB Natural Water Factory
- A number of private villas and residences

**Job title** : Electrical Engineer

**Job Description** : Responsible for design of electrical works, including indoor and outdoor lighting system, power, machines cable routing, light current networks, earthing and lightning protection systems...etc. In addition to issuing the

drawings, specifications, bill of quantities for a many projects.

**Further experiences :** Electrical Design Engineer – Technical Support / Assistant for many Consult Offices:

- IC State-Group Development.
- Madayeen Consultant Office.
- IHCG Consultant Office.
- Misr Consult.
- IDEA Architects.
- Abdullah Alarfag Consultant Office.

**Field of experience :**

- A confident and analytical Electrical Division Leader with 24 years experience in electrical engineering design, project management, team leadership, site supervision, and client liaison. A goal-orientated and technical thinker with a proven track record of employing best practices that produce innovative concepts, schematic and detailed designs, alongside meticulous calculations and specifications. Encourage and lead teams to think outside the box to deliver projects on time and within budget while remaining compliant and competitive. Possess the ability to propose effective solutions and create outstanding proposals which focused on client requirements to guarantee end-user satisfaction. Demonstrate strong planning abilities and high-value relationship management to support organizational growth targets.

- Areas of Expertise:
  - Electrical Design.
  - Design Review.
  - Shop Drawings Review.
  - LEED Green Buildings.
  - Project Management.
  - Team Leadership.
  - Client Coordination.
  - Site Inspection.
  - Planning.
  - Communication.
  - Site Management.
  - LEED Implementation.
  - Contractor Management.
  - Control System Design.
  - Leadership.
  - Analysis.
  - Communication.
  - Problem-Solving.
  - Secure resources.
  - Target Driven.
  - Presenting.
  - BIM Modeling & Clash Solving.