

Holds a B. Sc. in Electrical Engineering and has about 43 years hands-on experience working in design and supervision.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/03/1949
Gender : Male
Marital Status : Married
Residence : Heliopolis, Cairo

EDUCATION

: B. Sc. in Electrical Engineering, Ain Shams University, 1973

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Lighting Calculations: Dialux, Saudi Lighting, Calculux
: Short Circuit Calculations: ETAB, DOC from ABB, Ecodial from Schneider Group
: Voltage Drop and Cable Sizing Calculations: ETAB, DOC from ABB, Ecodial from Schneider Group
: AutoCAD 2010

TRAINING COURSES AND CERTIFICATIONS

: Three months at Japan on Sponsorship Mitsubishi H.I.
: Three weeks at W. Germany on Sponsorship of A.B.B.
: 10 days at Switzerland on Sponsorship of Staaff control.
: Two weeks at USA on Sponsorship of General Electric.
: Three weeks at USA on Sponsorship of Caterpillar.
: One week at England on Sponsorship of ASCO Automatic Transfer Sw.
: Two weeks at Germany on Sponsorship of Master Guard UPS system.
: Certified as Electrical Consultant Engineer grade "A" from Electrical Authority of Qatar (KAHRAMAA).

: Certified as Electrical Consultant Engineer grade "A" from Planning Authority of Qatar.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2009 till now
- Employer** : Self and in Association with Consultant Offices, Cairo
- Job title** : Freelancer Electrical Consultant
- Job Description** :
- Shop drawings for KAp-2E with association of Enforce consultant office.
 - Design of Al Azizia complex KSA composed of 5 levels podium + commercial, residential, office, hotel buildings with association of Al Amar consultant office.
 - Design review and approved construction document of Jabal Omar complex KSA composed of 5 levels podium + commercial, hotels buildings with association of EHAF consultant office.
 - HV Substation project – RC KSA: Technical studies and bidding with association of EGEC Consultant Office.
 - New Kraft Factory – Borg Al Arab: Design of Electrical and Mechanical works with association of HOE Consultant Office.
 - Updating firefighting and fire alarm system of Pepsi Co. factories: Design of Electrical works with association of HOE Consultant Office.
 - Water Pump Station – Al Sokhna Power Station: Design of Electrical works with association of Orascom for industrial.
 - Madinaty Olympic Pool: Shop drawings of Electrical works with association of Talat Mostafa Group.
 - Taba Hotel: Design of Electrical works with association of Al Amar Consultant Office.
 - Shabeyat Al-Kufra Lybia: Design of infrastructural Electrical works with association of Al Amar Consultant Office.
 - Cairo Festival City: Design of Electrical works with association of Al Amar Consultant Office.
 - Al-Montaze Resorts: Design of infrastructural Electrical works with association of Al Amar Consultant Office.
 - Pyramids Heights: Upgrading of Electrical works with association of Al Amar Consultant Office.
 - Aswar and Manazel Compounds: Design of Electrical with association of Al Amar Consultant Office.
 - Cataract Hotel Aswan: Reviewing submittals with association of Al Amar Consultant Office.
 - Sudair Industrial City (Saudi Arabia), infra structural networks: Design of Electrical with association of Al Amar Consultant Office.
 - Kampest Hotel: Site Supervision with association of United Consultant Office.
- Dates** : From 2007 till 2009
- Employer** : Khatib & Alama – ASA Consulting Engineering, Cairo branch
- Job title** : Electro-mechanical Department Manager
- Job Description** :
- Ritz Carlton Hotel at Marassi owned by EMAAR Egypt: Design of Electrical work (schematic stage).
 - Almane Tower Doha (two towers 24 floors each with common

- basements and podium): Design of Electrical work.
- Mixed used building and villas owned by EMAAR Egypt: Design of Electrical work (schematic stage).
- Holiday Inn Hotel, Alex West, Alexandria (Hotel with 350 rooms): Design of Electrical work.
- Dora Park, 6th of October Area (7 buildings with 5, 6 floors each, 2 buildings with 17 floors each, with common 2 basements and podium): Design of Electrical work.
- Falamnco Bay, Dubai – UAE (consists of 11 towers 12 floors each with common basements): Design of Electrical work.
- Zaaib Building, Dubai – UAE (consists of 18 floors each with common basements): Design of Electrical work.
- Merza Al-Saygh Building, Dubai – UAE (consists of 12 floors each with common basements): Design of Electrical work.
- Al Nakhel Hotel, Al-Ain – UAE (consists of Novotal Hotel with 4 floors, furnished apartments, Chalets with all facilities): Design of Electrical work.
- Police Head Quarter office buildings, Abu Dhabi – UAE (consists of 4 buildings): Design of Electrical work.
- Extension of Sahara Male Sharja – UAE (consists of 2 towers each 40 floors each with common basements): Design of Electrical work.
- Al Bena Mall – Saudi Arabia: Design of Electrical work (schematic design).
- Biotechnology Research Facility - King Abdulaziz City for science and technology, Saudi Arabia: Design of Electrical work.
- Renovation of Hilton Al Khartoum – Sudan: Upgrading of Electrical work.
- Al Jof University, Saudi Arabia: Design review of Electrical work.

Dates : From 2005 till 2007
Employer : EHA Consulting Engineering (Doha, Qatar)
Job title : Electro-mechanical Department Manager
Job Description :

- Expansion of City Center (5 High riser Hotels, 5 stars, each 50 floors, designed by HOK of Canada, Project Manager Cansalt of Canada: Design review and site supervision.
- Grand Hyatt, Doha (designed by GHD of Austral, Project Manager Hill International USA): Design review and site supervision.
- Pearl 4 Tower (designed by KEO, Owner Tivany Investment Company of Kuwait): Re-design of electro-mechanical system to cop with architectural modification.

Dates : From 1999 till 2005
Employer : Engineering Consulting Group (ECG), Cairo
Job title : Electrical Department Manager / Electrical Consultant
Job Description :

- HSBC Bank: Technical review for Design of Electrical Power and Special System work.
- El-Zoor Sewage Treatment Plant, Syria: Technical review for Design of Electrical Power and Special System work.
- El-Fojoura Sewage Treatment Plant, UAE: Technical review for Design of Electrical Power.
- Dubai Festival City, District Chiller Plant, UAE: Design of Electrical

Power and Control Systems.

- Sharm El-Sheikh Airport: Environmental Impact Assessment Study.
- Hurghada Airport: Environmental Impact Assessment Study.
- El-Kureimat 2x650 MVA Thermal Power Station: Environmental Impact Assessment Study.
- Cairo Airport Terminal 3: Upgrading the Design of Electrical Power low current and Special System work.
- Ras Laffan Pump Station, Qatar: Design of Electrical Power work.
- New Movenpick Hotel, Dubai: Conceptual Design of Electrical Power and Special System work.
- Smart Village of Egypt: Design of Electrical Power low current and Special System work.
- Ministry of Information, New Complex: Design of Electrical Power low current and Special System work.
- Marsa Alam Power Generation Plant (80MW Diesel Generating Power Plant): Project Management.
- Marsa Alam International Airport (total budget: LE 70,000,000): Design of Electrical Power and Special System work.
- Laguna Ibrotel Resorts (total budget: LE 52,000,000): Design of Electrical Power low current and Special System work.
- Emulsion Factory (total budget: LE 13,000,000): Design of Electrical Power low current and Special System work.
- World Health Organization Headquarter (total budget: LE 8,000,000): Supervision of Electrical Power low current and Special System work.

Dates	:	From 1993 till 1999
Employer	:	Kuwait Engineering Group (KEG), Kuwait
Job title	:	Senior Electro-mechanical Engineer / Projects Manager
Job Description	:	<ul style="list-style-type: none">• Care Center for Mentally Handicapped (total budget: KD 13,000,000): Design of Electrical Power low current and Special System work, Electro-mechanical supervision in association with N&D of England.• Head Quarter for Public Authority for Agriculture and Fish (total budget: KD 5,000,000): Design of Electrical Power low current and Special System work, Electro-mechanical supervision.• Catalyst Factory (total budget: KD 15,000,000), from 1993 till 1996 as Senior Electro-mechanical Engineer: Design of Electrical Power low current and Special System work, Electro-mechanical supervision.• Ministry of Interior Headquarter (total budget: KD 10,000,000): Design of Electrical Power and Special System work.• Electrical System for Seychelles Island: Global Study of Electrical System, in association with Marz and Mclellan of England.• Saffer International Hotel (total budget: KD 1,5000,000): Design and supervision of upgrading and renovation of Electro-mechanical System.• Kuwait Air Ways Co. 707 Hangar (total budget: KD 5,0000,000): Design and supervision of upgrading and renovation of Electrical System, in association with Austan of USA.• Kuwait Pharmaceutical Co.: Damage assessment of Electrical work and preparation report.

Dates : From 1986 till 1993
Employer : Shaker Consultant Group (SCG), Cairo
Job title : Projects Manager
Job Description :

- Plamariva Sphinx Hotel (total budget: LE 40,000,000): Supervision of Electro-mechanical System work.
- Dolphin Tourist Resorts: Assessment of Electrical System and preparing report.
- Practco Woodwork Factory (total budget: LE 2,000,000 for electrical works only): Supervision of Electro-mechanical System work.
- National Ceramic Factory (total budget: LE 3,000,000 for electrical works only): Supervision of Electro-mechanical System work.
- Medical Union Pharmaceutical Factory (total budget: LE 35,000,000): Supervision of Electro-mechanical System work.

Dates : From 1982 till 1985
Employer : Al-Sabk Consulting Office, Mecca – KSA
Project : Mecca Industrial City
Job title : Senior Electrical Engineer
Job Description : Supervision of Electrical Power and Special System work.

Dates : From 1974 till 1982
Employer : Suez Cannel Authority
Job title : Electrical Engineer
Job Description :

- New Port Tawfiq Shipyard: Maintenance & Installation Engineer of Electrical works.
- GRP Factory: Supervision of Electrical Power and Special System work.

Field of experience :

- Design and supervision of the following:
 - High riser buildings.
 - Egypt smart village.
 - Airports.
 - Electrical substations.
 - Diesel Generator Plants.
 - Hospitals and Care Centers.
 - Office buildings.
 - Commercial buildings.
 - Hotels and Resorts.
 - Factories.
 - Banks.
 - Water Stations (booster, treatment).
 - Sewage Stations (booster, treatment).
 - Shipyards.
 - Hangers.
 - Industrial cities.
 - Infrastructural networks.
- Environmental impact assessment study of the following:
 - Airports.
 - Thermal Power Stations.
 - Over Head Transmission Lines.

- Others:
 - Contributed in preparing of technical and financial proposals.
 - Participating in value Engineering.
 - Participating in technical and financial negotiations.
 - Participating in technical review committees.
 - Reviewing submittals and shop drawings.
 - Preparing specifications and BOQ according to international and national standards.
 - Material inspections on factories.
 - Participating in Quality Managements Plans.
 - Checking and follow up of installations.
 - Coordination with other disciplines.
 - Coordination with Authorities.
 - Checking and reviewing of Time Schedule.
 - Checking of Progressing Reports.
 - Checking and approval of Payment Certificates.
 - Testing and commissioning.
 - Projects Management.
- Scope of experience:
 - Electrical Power:
 - High voltage substation.
 - Medium Voltage (R.M.U., Distribution Switchgear, Transformers, Cables, etc.).
 - Low Voltage (Panel Boards, Motor Control Center, Power Factor Correction).
 - Feeders (Cables, Busbars).
 - Lighting (Indoor, Outdoor).
 - Earthing and Lightning Protection.
 - Wiring, Cable Ways and Accessories.
 - Generator Sets.
 - Low current and special systems:
 - Telephone and Data Communication.
 - Fire Alarm (Conventional, Addressable).
 - Sound and Public Address.
 - Satellite and Central Antenna TV.
 - Auditorium (Conference, Audio-visual, Interpretation).
 - CCTV and Security.
 - Building Management System.
 - Conveyer (Passenger Lifts, Goods Lifts, Hydraulic, etc.).
 - U.P.S and 400 HZ Converters.
 - Lifts, Escalators and walkways.
 - Mechanical Background:
 - HVAC System.
 - Steam (Boiler, Pumps, Piping).
 - Water (Domestic, Hot).
 - Fire Fighting (Water, Foam, FM200, Co2).
 - Drainage (domestic and industrial).
 - Kitchen and Laundry Equipment.