

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years experience in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/04/1977
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD - CAD drawing program
: DiaLux - Lighting Distribution Programs
: DOCWIN - power flow calculations

TRAINING COURSES AND CERTIFICATIONS

: Engineering Internship, Shaker Consultancy Group.
: Engineering Internship, Egyptian Electricity Transmission Co. - Network Training Center.
: Engineering Internship, Technology Competency Center (TCC).

FIELD OF EXPERIENCE

- Lighting System Design using illumination calculation software.
- Power System Design (mechanical equipment and appliances feeding, sockets layout, cable routs, etc.).
- Voltage drop and Short circuit calculations using power flow calculation software.
- Single Line Diagrams and Load schedules.
- Earthing and lightning protection systems design.

- Infrastructure network planning.
- Coordination between electro-mechanical services.
- Coordination with other disciplines (Architects, civil, etc.).
- Preparation of Project Documents (Design Reports, Bills of Quantities, Specifications, etc.).
- Audit and make value engineering for projects designed by other consultants.
- Coordinate with and get approvals from local authorities.
- Preparation of Tender Evaluation.
- Conveying systems (elevators, escalators, etc.) design.
- Home Automation.
- Fire Alarm System Design.
- Sound System Design.
- TV System Design.
- Telephone System Design.
- Data System Design.
- Security Systems Design.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2012 till now
Employer : [E CONSULT](#)
Job title : Senior Electrical Design Engineer

Dates : From Dec. 2005 till Oct. 2012
Employer : Crown Home Consultants
Job title : Senior Electrical Design Engineer

Dates : From Jul. 2004 till Nov. 2005
Employer : Hamza Associates
Job title : Electrical Design Engineer

Projects : New Communities Infrastructure:

- King Abdul Aziz University at Rabegh City – Rabegh – KSA (6 million sqm built up area – 450MVA)
- Al-Khamael Stage-3A – 6th of October – Egypt (170 Feddan – Residential – Commercial – Various Activities – 35MVA)
- Tourism Development (Five Touristic Villages) – Algeria
- KADCO Agricultural Project in Tushka – Egypt (LV Network for Reclamation of 2000 Acre – Participate in Proposal for Reclamation of 124000 Acre)
- San Stefano Marina and Private Beach - Alexandria – Egypt

New Communities Infrastructure & Building Services:

- Alqaed Resort – Hael – KSA (Social Club, Conference Halls, Labor Accommodation, 49 Villas, Mosque and Health Center – 15MVA)
- Village Gardens Kattamia (Residential compound – 17MVA) – New Cairo – Egypt
- Village Gardens October (Residential compound – 4MVA) – 6th of October – Egypt

- New Giza Sporting Club (4MVA) – 6th of October – Egypt (Football Court, Tennis Court, Volleyball Courts, Main Building, Admin Building, Sales Building, Football Spectators Building and Mosque)
- Marassi Marina Residential R3 – Mediterranean North Cost – Egypt (Schematic Design of the whole project (580 Residential units) and Detailed Design for Phase-1A (157 residential units, parking building, clubroom and lobby building – 3MVA))
- Hacienda Bay & Hacienda White – Mediterranean North Cost (Maintenance Area, Gates, Main Gate, Cabanas, Villas, Chalets and Lagoon)
- Porto Dubai – UAE – Dubai – UAE (46 villas (7 types), beach club & service blocks – 19.5MVA)
- Lake Side City – Dubai – UAE (Type-A: B+G+7 Residential, Type-B: B+G+7 Residential, Type-C: B+G+7 Residential, Type-D: B+G+11 Residential, Type-E: B+G+17 Residential)
- Schematic Design of Mudon, Cairo Downtown (Mixed Use, 31.5MVA) - Dubai – UAE
- Schematic Design of Mudon, Damascus DT (Mixed Use, 22.5MVA) - Dubai – UAE
- Schematic Design of Mudon, Marrakech DT (Mixed Use, 22.5MVA) - Dubai – UAE

Hotels & Resorts:

- Falcon Hotel and Tower – Maadi – Cairo – Egypt (3B+G+23 Hotel (5 Stars, Helton Standard) and 23 Residential – 10.5MVA)
- Shop Drawings Preparation for Jabal Omer Development Towers S1& S2 – Makah – KSA (Mixed use: Hotel and residential)
- Tropitel Hotel (580 Key – 5MVA) – Hurgada – Egypt
- Marriott Old Palace Resort – Hurgada – Egypt (Renovation of 5 stars Resort according to Marriott standard (242 guest room plus 60 Chalets – 5MVA))
- Lagoon Beach Hotel (5 stars) – Ajman – UAE
- Rixos Ottoman Palace (Prestigious 5 stars Hotel - 400 key plus 19 Villas – 12MVA) – Dubai – UAE

Religious & Culture:

- Mosque at Oud Methaa – Dubai – UAE
- Spine Mosque – Dubai – UAE
- Grand Mosque (1.5MVA) – Al-Riyadh – KSA
- Conakry Library (1.0MVA) – Conakry – Gain
- Demiatta Library – Demiatta – Egypt

Office Buildings & Banks:

- Dubai Police Headquarter – Dubai – UAE
- Palm Deira Nakheel Sales Office (G+2, 3MVA) – Dubai – UAE
- Al-Quadra Building (B+G+9 Offices) – Abu Dhabi – UAE
- Naeem Office Building (G+3, 2.5MVA) - Smart Village – Egypt
- Dubai Bank - Midriff Branch – Dubai – UAE
- MobiNil Administration and Customer Services building – Smart Village – Egypt

Healthcare:

- Mustafa Mahmud Hospital Extension – Giza – Egypt
- Clinic Health Center – Dubai – UAE

Educational:

- Security Training Institute – Dubai – UAE (Headquarter, Accommodation, B.S Center & service block – 7.5MVA)
- 30 Schools – Abu Dhabi – UAE (30 plots, Four Models: Double Court, Mixed Court, City KG and Urban KG – 1-2MVA each)
- Schools Development (6 New Schools) – Egypt
- Student Activities Building, Suz Canal University – Ismailia – Egypt

Residential:

- Cleopatra Plaza Tower (2B+G+Mez+9 Residential – 4.5MVA) – Nasr City – Cairo – Egypt
- Mockup Villa at Palm Hills Kattamia – New Cairo – Egypt
- Worldwide Tower (2B+G+17 Residential, 3MVA) – Dubai – UAE
- Dubai Dome (B+G+4 Residential 1.0MVA) – Dubai – UAE
- Palm Deira Tower (2B+G+20 Residential, 3MVA) – Dubai – UAE
- Al-Furjan Tower (2B+G+20 Residential, 3MVA) – Dubai – UAE
- Rotating Tower (B+G+18 Residential, 3MVA) – Dubai – UAE
- Tara & Saba Buildings (Two residential buildings B+G+4, 1.0MVA each) – Dubai – UAE
- Royal Court (El-Bahrain King Palace) – Sharm El-Sheikh – Egypt

Industrial and Mechanical Plants:

- Jac Factory (G+ Mezz., 1.5MVA) – Badre City – Cairo
- Redesign of New Giza Water Station (G+ Mezz, 5MVA) - 6th of October – Egypt
- ERC Desalination Plant (3MVA) – Sahl Hashish - Hurghada – Egypt
- Renovation of Kameder and Mazoura Pump Stations (9 pump stations) – El-Minia – Egypt
- 3100 TPD National Cement Company – Aden – Yemen (Field Measurements of Soil Electrical Resistivity)

High Rise Buildings:

- Lam Tara Twin Towers – Dubai – UAE (3B+G+11 Parking + 70 Commercial and 80 Residential – 24MVA)
- Kensington Crystal Tower – Dubai – UAE (2B+G+4 Parking + 36 Offices)
- Arabian Crown Tower – Dubai – UAE (2B+G+6 Parking + 15 Offices + 30 Residential)
- Business Wave Towers – Dubai – UAE (Three towers: B+G+6 Parking + 40 Commercial, 6MVA each)

Malls and Commercial Centers:

- Cleopatra Mall (Reflection Mall) – Sheikh Zayed City – 6th of October – Egypt (Prestigious project 2B+G+Mezz+1 – 19.5MVA - Pretender Stage)
- Palm Hills Community Mall – 6th of October – Egypt (Prestigious project 2B+G+Mezz+1 – 19.5MVA - Pretender Stage)
- Luxor Shopping Centers (G+1, 5MVA) – Luxor – Egypt
- Damanhur Shopping Center (G+1, 5MVA) – Damanhur – Egypt

Retails:

- Punt O Roma, City Stars Branch – Cairo – Egypt
- Gourmet, Dandy Mall Branch – Alex Cairo Road – Egypt

Auditing and Value Engineering:

- Al-Assila Tower – Jeddah – KSA (Design Verification Report)
- Palm Parks – 6th of October – Egypt (Peer review, Client: Palm Hills Development "PHD", Consultant: ECG)

- Golf Views and Golf Extension – 6th of October – Egypt (Peer review, Client: Palm Hills Development "PHD", Consultant: ECG)
- Capital Business Park – Sheikh Zayed City – 6th of October – Egypt (Technical Evaluation and Value Engineering, Client: Dorra Group, Consultant: "Khatib & Alami – ASA")
- Hacienda Pay – Mediterranean North Cost – Egypt (Peer review, Client: PHD, Consultant: Ahmed Abdel Warith (AAW))
- Mivida – New Cairo – Egypt (Peer review, Client: Emaar Misr, Consultant: Misr Consult)
- Plot E1 Residential Tower, Jumairah Lake Towers – Dubai – UAE (Participate in Value Engineering Study)