

101224-ELE-56DE-E-2012
Sr. Electrical Technical Office Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience working in design, technical office and site supervision.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/07/1990
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2012
: Secondary Education: El-Thagher Language School, Alexandria, 2007

LANGUAGES

Arabic : Native Language
English : Very Good
German : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Dialux evo & Dialux 4.12
: Revit & Ecodial

TRAINING COURSES AND CERTIFICATIONS

: Project Management (PRMG), AUC (2021 - 2022).
: English: IELTS with Overall score of (7.5).
: German: Goethe Zertifikat B2.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2021 till now
Employer : Hassan Allam Technologies (HAT)
Job title : Sr. Electrical Technical Office Engineer

Dates : From May 2020 till May 2021
Employer : Arabtec Construction LLC
Projects : GREEK VILLAGE IN MARASSI (NORTH COAST): The Project composed of two packages (PKG#136 & PKG#143) which consist of 47 premises on an overall area 165,400 m2 where Buildings are diversified between Town Houses (G+2), Residential Apartments BLDs (G+3), Bungalows (G+1) and a HUB (3 story Hotel).
Job title : Sr. Electrical Technical Office Engineer
Job Description :

- Reviewing shop drawings from service providers for (LV and LC Systems).
- Checking calculations such as Voltage Drop & Short Circuit.
- Coordinate with Sub-contractors to assure that submittals are delivered in time to meet the project schedule.
- Liaising with other departments in the Coordination phase.
- Attending meetings with Client to specify his requirements and resolve any issue.
- Preparing and follow up RFIs, RFPs, MAR ...etc.
- Following up shop drawing and material submittal approvals.
- Performing Quantity Survey and preparing Invoices.
- Studying Materials to ensure their compliance with project specs to be submitted later to the Consultant.

Dates : From May 2018 till Apr. 2020
Employer : James Cubitt & Partners Ltd.
Job title : Senior Electrical Design Engineer
Job Description :

- Head of a team of 4 members who are responsible for THE CITY RESIDENTIAL COMPOUND and among my responsibilities are the following:
 - Implementing DESIGN AND SHOP DRAWINGS for Electrical Power (MV & LV) and Low current Systems such as (Fire Alarm, Tel & Data, CCTV, MATV ...etc.).
 - Setting project plan and its time schedule.
 - Distributing tasks among team members and reviewing their work.
 - Liaising with other departments during Design and Coordination phases.
 - Holding meetings with Owners and Contractors.
 - Preparing BOQ and Cost Estimation.
- DESIGN PROJECTS:
 - THE CITY RESIDENTIAL COMPOUND (New Administrative Capital), the project consists of:
 - ❖ A set of 84 RESIDENTIAL BUILDINGS.
 - ❖ A 3 story MEDICAL CENTER.
 - ❖ A 4 story MALL AND A SOCIAL CLUB.
 - SCOPE OF WORK:
 - ❖ INFRASTRUCTURE Design of the MV & LV networks which consists of 18 TRs to supply 14 MVA to the whole site facilities and the transformers are fed through MV switchgear at 22KV.
 - ❖ Design of FIBER TO THE X (FTTX) Network where GPON is to be adopted.
 - ❖ Implementing LV Network and LC Systems Design inside Buildings.

- BENHA CITY CENTER, the project consists of 3 sub-projects:
 - ❖ BENHA HOSPITAL on a total Built up area of 13,200 m2. The Hospital consists of more than 125 Beds, 4 Major Operating Rooms, 5 Delivery Rooms, ICU and NICU units and Radiology Floor (MRI, CT-Scan, X-Ray) and Administrative floor.
 - ❖ BENHA MALL on a total Built up area of 44,000 m2. The mall consists of more than 115 markets, Kids Area, GYM, Food Court & Café.
- SHOPDRAWING PROJECTS:
 - BENHA COMPOUND - A Set of 5 RESIDENTIAL TOWERS (11 story each on total Built up area of 64,280 m2).
 - MILITARY FORCE CLUBS – RESTAURANT.
 - VILLA TYPE (A, B, C) IN BERNIS MILITARY BASE.

Dates : From Jan. 2017 till May 2018

Employer : Active Brains Consulting Group

Projects :

- PYRAMID HILLS (INFRASTRUCTURE): The Project consists of 24 Zones of Residential buildings with total surface area of more than 125,000m2 and total load of more than 10 MVA fed by 10 Transformers which are interconnected between each other's by 4 loops and connected to the Utility through 14 MVA Distributor.
- SOKHNA BAY EXTENSION: An extension to Sokhna bay where Electrified RTGs and RMGs are to be introduced for the first time in Egypt. The whole project including RMGs, RTGs, Reefers and 7 administrative Buildings is to be feed through medium voltage network composed of 3 main substations with total overall power of 40 MVA.

- AI-HABTOUR VILLA
- HACIENDA WHITE (A Set of Cabins in North Coast)

Job title : Electrical Engineer (Design & Site Supervision)

Job Description :

- Implementing Electrical Power Systems Design such as:
 - Lighting systems including (Interior, landscape and street lighting), Power systems, Earthing and Lightning systems.
 - Preparing Panel schedules and calculating the Estimated Normal and Emergency loads.
 - Selecting the Transforms, Generators or UPS ratings.
 - Preparing SLDs and BLDs.
 - Preparing Cable routing drawings.
 - Implementing Voltage drop & Short Circuit calculations.
 - Power factor correction calculations.
- Implementing L.C. systems Design such as: Fire alarm, Telephone & Data, CCTV, MATV, Access control, Intercom, sound system etc.
- Preparing BOQ.
- Liaising with Mechanical Engineering Department in phases of:
 - Initial Preparation for the project.
 - Electrical and Mechanical systems coordination.
- SITE SUPERVISION.
- Reviewing Shop drawings and as built Drawings implemented by the contractor.
- Evaluating Submittals provided by the contractor.

Dates : From Jan. 2015 till Dec. 2016
Employer : AD Engineering, Riyadh (Saudi Arabia)
Projects :

- NEW MAIN ADMINISTRATIVE BUILDING FOR AL JAWF MUNICIPALITY (Role: Site supervision and Design modification)
- AL-JOUF MALL
- WAHET AL-ZAYTON MARKET

Job title : Electrical Engineer (Site Supervision)
Job Description :

- Site supervision.
- Implementing Design modifications.
- Reviewing Shop drawings and As built Drawings implemented by the contractor.
- Evaluating Submittals provided by the contractor.
- Prepare reports as required.
- Calculating and evaluating the progress bills.

Dates : From Feb. 2013 till Jan. 2015
Employer : MAS Consultant for Electromechanical Systems Design, Alexandria
Projects :

- AREEN HOTEL (DESIGN)
- ELITE HOSPITAL (DESIGN)
- ALEX SYDNEY HOSPITAL (DESIGN & SITE SUPERVISION)
- DAMANHOUR (FACULTY OF ENGINEERING, DENTISTRY, NURSING) (DESIGN)
- NATIONAL BANK OF EGYPT – MONTAZZA BRANCH (DESIGN & SITE SUPERVISION)
- AL RAJHI TOWER (DESIGN)
- ISHRAQA LABOUR CAMP (DESIGN)
- EL MOHAYEEL VILLA (DESIGN)

Job title : Electrical Engineer (Design & Site Supervision)
Job Description :

- Implementing Electrical Power Systems Design such as:
 - Lighting systems including (Interior, landscape and street lighting), Power systems, Earthing and Lightning systems).
 - Preparing Panel schedules and calculating the Estimated Normal and Emergency loads.
 - Selecting the Transforms, Generators or UPS ratings.
 - Preparing Cable routing drawings.
 - Voltage drop calculations.
 - Calculating capacitive load needed for Power factor correction.
- Implementing L.C. systems Design such as: Fire alarm, Telephone & Data, CCTV, MATV, Access control, Intercom, sound system etc.
- Preparing BOQ.
- Preparing cost Estimation.
- Liaising with Mechanical Engineering Department in phases of:
 - Initial Preparation for the project.
 - Load Estimation (Providing us with loads of A.C, Firefighting and Water Pumps).
 - Electrical and Mechanical systems coordination.
- Site supervision.
- Reviewing Shop drawings and As built Drawings implemented by the contractor.
- Evaluating Submittals provided by the contractor.

- Field of experience :**
- Gained a valuable experience working in a wide variety of projects such as: Healthcare facilities, Banks, Administrative BLDs and Residential compounds.
 - Got in contact with almost all systems including Medium Voltage, Low voltage and Low Current Systems (Fire Alarm, Tel & Data, CCTV, MATV, Access Control ...etc.), not only in the INDOOR stage but also in the INFRASTRUCTURE stage.