

103217-ELE-56DE-E-2008
Electrical Technical Office Team Leader (BIM)

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 14 years' experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/05/1986
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Revit MEP 2016, 2017, 2018, 2022
: AutoCAD Civil 3D (2017)
: Navisworks
: Dialux software for Lighting
: Etap and Ecodial for short circuit and voltage drop calculations

TRAINING COURSES AND CERTIFICATIONS

: Attended Revit essential & Advanced at Cad Master Institute.
: Attended Civil 3D essential & Advanced at Cad Master Institute.
: Attended Navisworks Course at Cad Master Institute.
: Training at Schneider Electric (Dec. 2009) as Electrical Networks Consultant Engineer.
: Training at EL SEWEDY FOR CABLES (summer 2007): 4 weeks training in all departments of workshops and marketing.
: Training at ABB ARAB (summer 2006): 1-week training in transformers, breakers, fuses, control system and other things.

- : Training at OLYMPIC GROUP (summer 2005): 4 weeks training in all departments of workshops and machine.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2022 till now
- Employer** : ECS (Energy & Contracting Solution)
- Project** : Bahya Sheikh Zayed Hospital
- Job title** : Electrical Technical Office Team Leader (BIM)
- Job Description** : Work with my team to achieve team responsibilities which as the following:
- Create Revit Model as a shop drawing.
 - QS Preparation as per design and shop drawing.
 - Substations design (with specified the place of each equipment like transformer, generator, trenches....).
 - Preparation of Lighting, Power and Low current Shop drawings, including layouts plan, single line diagrams, details and panel schedules.
 - Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
 - Periodical visiting to sites for inspection and solving technical problems.
 - Revise the design, and preparing technical design review reports.

- Dates** : From Nov. 2021 till Apr. 2022
- Employer** : Standards Builders
- Project** : AAIB Head Quarter
- Job title** : Electrical BIM Section Head
- Job Description** : Work with my team to achieve team responsibilities which as the following:
- Create Revit Model as a shop drawing.
 - QS Preparation as per design and shop drawing.
 - Substations design (with specified the place of each equipment like transformer, generator, trenches....).
 - Preparation of Lighting, Power and Shop drawings, including layouts plan, single line diagrams, details and panel schedules.
 - Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
 - Periodical visiting to sites for inspection and solving technical problems.
 - Revise the design, and preparing technical design review reports.

- Dates** : From Nov. 2018 till Nov. 2021
- Employer** : KCC (KIFAH CONSTRUCTION COMPANY)
- Projects** :
 - RAS AL-KHEIR BACHELORS BUIDLING at KSA
 - AMAAD BUSINESS PARK OFFICE AND RETAIL BUILDINGS at KSA
- Job title** : Electrical Technical Office Team Leader
- Job Description** : Work with my team to achieve team responsibilities which as the following:
- Create Revit Model as a shop drawing.
 - QS Preparation as per design and shop drawing.
 - Substations design (with specified the place of each equipment like transformer, generator, trenches....).
 - Preparation of Lighting, Power and Low current Shop drawings, including layouts plan, single line diagrams, details and panel schedules.

- Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
- Periodical visiting to sites for inspection and solving technical problems.
- Revise the design, and preparing technical design review reports.

Dates : From Jul. 2016 till Nov. 2018
Employer : DME (Dar Al Mimar Engineering)
Projects :

- Mountain View Hyde Park Project
- Mountain View Rayos Project
- Mountain View Chill out Project
- Mountain View I-City Project
- Emaar-Marassi Project
- DMG Headquarter at North Cairo

Job title : Electrical Technical Office Section Head
Job Description : Work with my team to achieve team responsibilities which as the following:

- Create Revit Model as a shop drawing.
- QS Preparation as per design and shop drawing.
- Substations design (with specified the place of each equipment like transformer, generator, trenches....).
- Preparation of Lighting, Power and Low current Shop drawings, including layouts plan, single line diagrams, details and panel schedules.
- Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
- Periodical visiting to sites for inspection and solving technical problems.
- Revise the design, and preparing technical design review reports.

Dates : From Dec. 2014 till Jul. 2016
Employer : AAW Consulting Engineers
Project : KAP (4) Project in KSA
Job title : Team Leader Technical Office Electrical Engineer
Job Description : Work with my team to achieve team responsibilities which as the following:

- Substations design (with specified the place of each equipment like transformer, generator, trenches....).
- Preparation of Lighting, Power design drawings and Shop drawings, including Layouts plan, single line diagrams, details and panel schedules.
- Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
- Periodical visiting to sites for inspection and solving technical problems.
- Revise the design, and preparing technical design review reports.

Dates : From Apr. 2014 till Dec. 2014
Employer : ECG (Engineering Consultants Group)
Projects :

- Hayat Alex Park Project (EGYPT)
- Naval Base Project (QATAR)
- QP Project (QATAR)

Job title : Senior Electrical Design Engineer

Job Description : Work with my team to achieve team responsibilities which as the following:

- Substations design (with specified the place of each equipment like transformer, generator, trenches....).
- Preparation of Lighting, Power and Cable routing Design drawings, including layouts plan, single line diagrams, and panel schedules.
- Coordination meetings with project owners, electrical, mechanical, architecture and civil design engineers.

Dates : From Jan. 2011 till Dec. 2013

Employer : SAUDI BINLADIN GROUP (SBG) - PUBLIC BUILDING AND AIRPORTS DEPARTEMENT (PBAD)

Projects :

- K.A.F.D (King ABDULLAH Financial District) Project
- K.A.S.B (King ABDULLAH BIN ABD AL-AZIZ Expansion of the HOLY MOSQUE and Associated Elements (Service Building)
- K.A.M.E Project of the CUSTODIAN OF TWO HOLY MOSQUES, KING ABDULLAH BIN ABD AL-AZIZ for Mataf Extension

Job title : Senior Electrical Technical Office Engineer

Job Description : Work with my team to achieve team responsibilities which as the following:

- Substations design (with specified the place of each equipment like transformer, generator, trenches....).
- Preparation of Lighting, Power and Cable routing Shop drawings, including layouts plan, single line diagrams, details and panel schedules.
- Technical and coordination meetings with designers, contractor, consultants and supplier engineers.
- Periodical visiting to sites for inspection and solving technical problems.
- Revise the design, and preparing technical design review reports.

Dates : From Feb. 2009 till Dec. 2010

Employer : ALLIED CONSULTANTS LTD

Projects :

- Egypt:
 - Al-Salam Hospital: The project consists of eleven floors with one basement. The building connected load is about 4 MVA, and the building supplied power from six transformers each of them 1 MVA with ring main units and switchgear.
 - Asfour Hospital: The project consists of 8 floors and 3 basements. The building connected load is about 6 MVA, and the building supplied power from eight transformers each of them 1 MVA with ring main units and switchgear.
 - Pyramids Heights: Low voltage, medium voltage and fiber optics networks are designed. The project consists of 19 transformers with one distributor and 18 RMU feeding several types of villas, each villa built on around 600 to 1200 square meters with landscape and swimming pool; also, it consists of a sports club, mall and administration building.
 - Uptown Cairo (ARURA VILLAGE): The project consists of 7 types of apartment buildings and 15 types of villa, each Building supplied by 300 KW average.
 - Greek Village (Marassi): The project consists of 20 types of apartment buildings, each building supplied by 350 KW average.
 - Catania Village (Marassi): The project consists of 14 types of apartment buildings, each building supplied by 300 KW average.

- NSGB Bank: The project consists of 3 floors for offices and basement for parking. The building connected load is about 1 MVA, and the building supplied power from one transformer 1 MVA with ring main units and switchgear.
 - Saint Regis Towers: The project consists two towers each 38 floors with seven podium floors and four basements. The project consists of 18 transformers each 1500 KVA, and three high voltage generators. My role is to check the project and make a report with all electrical comments with my office Allied Consultants.
 - Villa Taddros: The project consists of three floors and the villa built on around 1200 squares meters with landscape and swimming pool.
 - EIM New Service Center - Abou Rawash: Complex building consists of showroom and administration area, spare parts area, steel structure workshop area and training center, the project consists of 3 phase each has transformer 1 MVA, phase one has komatsu and Cummins workshops, phase two has administration building and Renault workshop, phase three has alkan medical workshop and restaurant.
 - Villa Darwish: The project consists of three floors and the villa built on around 900 squares meters with landscape and swimming pool.
 - Villa Wissa: The project consists of three floors and the villa built on around 900 squares meters with landscape and swimming pool.
 - Abu Dhabi:
 - El-Raiasy Tower: The tower consists of 22 floors, the tower feed power from two transformers each 1 MVA and one generator 400 KVA.
 - El-Muhiary Tower: The tower consists of 22 floors, the tower feed power from two transformers each 1 MVA and one generator 400 KVA.
 - El-Maqbaly Palace: The palace consists of 3 floors, the palace built on around 3000 square meters with landscape, services area and two swimming pools. The palace feed power from one transformer 1 MVA and one generator 80 KVA.
 - AMWAJ Project: The project consists of three towers each 30 floors with three basements and seven podium floors.
 - Bahrain: Dalkia DCP Substation: The SUBSTATION consists of 4 floors with six transformers each 3 MVA.
 - Saudi Arabia: Lot E3 commercial & high rise, Jeddah: The project consists of three towers each 23 floors with three basements. The project consists of 9 transformers each 1500 KVA, and two generators each 600 KVA.
 - Qatar: Bin Samikh Hotel: The project consists of 41 floors with three basements. The project consists of 6 transformers each 1500 KVA, and two generators each 600 KVA.
 - Ghana: Tamale International Hospital: The project consists of some several buildings, each of them consists of some departments of the hospital, and our scope is re-design all the systems again as they want to add some new departments and renew the old systems they have.
- Job title** : Junior Electrical Design Engineer
- Job Description** : Work with my team to achieve team responsibilities which as the following:
- Substations design (with specified the place of each equipment like transformer, generator, trenches....).

- Preparation of Lighting, Power and Low current Design drawings, including layouts plan, single line diagrams, and panel schedules.
- Coordination meetings with project owners, electrical, mechanical, architecture and civil design engineers.