

Holds a B. Sc. in Electrical Power & Machines Engineering and has gained experience in construction, design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/12/1996
Gender : Male
Residence : Ismailia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Suez Canal University, 2020

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Dialux
: AutoCAD
: ETAP

TRAINING COURSES AND CERTIFICATIONS

: Power and Lighting Distribution.
: Low Current Systems (Fire Alarm – Data – Security – Public Address – CCTV).
: Classic control course.
: First Aid course at Suez Canal University hospital.
: Online industrial and construction safety course.
: Training at Ezz Steel Company flat steel factory at Ain Sokhna (Suez) (Aug. 2019).
: Training at Generation Power Plant.
: College MATLAB summer training.

CHRONOLOGICAL EXPERIENCE RECORD

Employer : Construction Company
Project(s) : Many projects for ministry of interior camps and new capital residential buildings
Job title : Site Engineer

Employer : Construction Company
Project(s) : Many sites at Algalala Heights (landscape electrical design and shop drawing), New Capital (residential buildings distribution including light current),

Job title : Electrical Site Engineer

Dates : Summer 2018
Employer : Sub-contractor for Petrojet Company
Project : Ismailia Tunnels
Job title : Site Engineer

Skills:

- **Design Electrical Systems:** design electrical systems for commercial, residential, and industrial construction projects. These can include both high-voltage systems for delivering power and low-voltage applications including Ethernet and fiber-optic lines. Electrical site engineers work closely with designers to determine how to effectively incorporate electrical elements, determining specifications and preparing blueprints.
- **Direct Electrical Contractors:** directly oversee and manage teams of electrical contractors and subcontractors. They may direct daily activities, answer questions about power needs and electrical codes, and guide workers throughout the construction process.
- **Resolve Electrical Issues:** resolve issues related to electric systems or devices that arise during the course of construction. Changes to a building's design or practical concerns may result in existing electrical plans and blueprints no longer being viable, or specifications may change requiring a different power configuration, leading electrical site engineers to quickly revise plans and resolve issues to prevent delays.
- **Develop Cost Estimates:** Early in the construction planning process, help develop cost estimates for both material and labor. By analyzing blueprints and site specifications, they project the amount of wire, fixtures, and other materials the project will require. They also estimate manpower and timelines, giving project managers the information needed to consider contractor bids and ensure the project remains within budget.
- **Manage Construction Schedules:** manage construction schedules related to electrical elements of job sites. They work closely with both planners and utility providers to determine when project milestones need to be completed to avoid delays and maintain profitability. Frequently, electrical site engineers determine these schedules in collaboration with subcontractors to ensure that electrical work is completed in tandem with other elements of the project.