

Holds a B. Sc. in Electrical Power & Control Engineering and has about 5 years experience working in construction, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Modern University for Technology & Informations, 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Dialux for Interior Lighting Design
: Simulink Programming
: Automatic Control System and PLC Application and SCADA System

TRAINING COURSES AND CERTIFICATIONS

: Lighting course at laps of Faculty of Engineering, Ain Shams University.
: Advanced control course at laps of Faculty of Engineering, Ain Shams University.
: El-Sewedy Cables Company: Training on Manufactured of Bus bars and making test of cables according to IEEE Standard.
: ABB Transformers Company: Training on manufactured transformers and it's tests according to IEEE Standard.
: Planning and distribution of electrical power at Egyptian Cultural Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2023 till now
Employer : Commissioning Service International (CSI)
Project : The Presidential Palace in the Administrative Capital

Job title : Test Commissioning Engineer
Job Description :

- Test & Commissioning for (Switch Gears & Transformers & Generators, Ring main unit).
- Test & Commissioning for (BMS system & all systems interfaced by such as Fire Alarm & Fire Fighting).
- Test & Commissioning for (Aerosol & FM200 System).
- Test & Commissioning for (DB, MDB, EMD, Automatic transfer switch).
- Test & Commissioning for (Generator Fuel System).
- Test & Commissioning for (Fire Alarm System devices & Panels).
- Test & Commissioning for (Intrusion System, Audio Visual System, structural cabling, Access Control, CCTV System).

Dates : From Oct. 2021 till Jan. 2023
Employer : SIEMENS Technologies S.A.E. – Building Technologies Division
Project : Secon Nile Tower Hotel
Job title : Electrical Test & Commissioning Engineer
Job Description :

- Test & Commissioning for (Parking System & Space Indicators with barriers, Power System such as Thermographic test for low voltage panels, Live Test for lighting & Power Circuits).
- Test & Commissioning for (Public Address Racks & Sound Speakers, Audio Visual System).
- Test & Commissioning for (Disabled System & Security System such as Access Control & CCTV System).
- Test & Commissioning for (Switch Gears & Transformers & Generators).
- Test & Commissioning for (BMS system & all systems interfaced by such as Fire Alarm & Fire Fighting).
- Test & Commissioning for (Aerosol & FM200 System).

Dates : From Oct. 2018 till 2021
Employer : SIEMENS Technologies S.A.E. – Building Technologies Division
Project : Secon Nile Tower (Hilton Maadi)
Job title : Electrical Site Engineer
Job Description :

- Checking BOQ Items and compare it with shop drawings for V.O'S.
- Take-Off and request the required material of the project.
- Attending regular progress meetings with Clients, CM, Contractors and Suppliers.
- Following up with purchasing and procurement for submittals and materials.
- Comparing panel schedules with shop drawing.
- Responsible for the maneuvering plan electrical items in project (MDB, SMDB, Transformers, RMU, Generators, MCC, EMCC).
- Supervision upon delivering (transformers, generators) to its rooms.
- Implementation of electrical works according to the various Arch. interior design by considering all different types of finishing works from the general finishing plans.
- State the priorities and sequence of site work activities in my scope of work.
- Preparing work progress sheets.
- Making Design and calculations for all types of Low Current works like

(Fire Alarm, sound system, MATV and IPTV system, Security CCTV, Security Access Control, Nurse Call system).

- Supervising and Execution of projects.
- Technical office support making.
- Checking upon the quality of the supplied materials.
- Preparing subcontractors invoices.
- Supervision upon gathering MVSG and parallel operation cells. Checking and reviewing the contractor's shop drawings for all electrical work, including services composite drawings with special emphasis on coordination with all the civil, structural, architectural, Electrical works / finishes of the project including compliance with all the regulatory requirements.
- Implementing the contract documents, such as design drawings, specifications, Bill of Quantities, contract conditions on site.
- Reviewing and recommending the acceptable completed progress percentages of all electrical activities to the client.
- Reviewing all the electrical materials submittal, proposals and samples.
- Verifying handing over testing and commissioning electrical systems.
- Verifying handing over the implemented works to QC and consultant.
- Coordinate with (Mechanical, Architecture, Civil) engineers.
- Bill of quantities and Bill of materials making and review.
- Time schedules review, Invoices review, Document management and project status reporting like (IR, MIR, RFI).
- Hand over requests and approval for all required tests.
- Prepare all processed work monthly basis.
- Supervise all Electro-mechanical activities.
- Report and analyze the projects activities.
- Tendering and Procurement for project.
- Testing & Commission for All low Current System on Project.
- Installation of Low Voltage System:
 - Lighting and Power distribution.
 - Pulling Cables and Connection.
 - Installation and Termination for Main Distribution Board (MDB).
 - Distribution Panels and Lighting Control Panel.
 - Installation of Low Voltage Copper Bus Way.
- Installation of Race Ways:
 - Installation of PVC Conduits and EMT Galvanized Conduit.
 - Installation of Cable Trays, Trunks, Ladders and Wire Basket.
- Installation of Low Current Systems:
 - Installation & Termination of Fire Alarm System devices & Panels.
 - Installation & Termination of MATV System, Intercom System.
 - Installation & Termination of Building Management System.
 - Installation & Termination of Disabled System.
 - Installation & Termination of Audio Visual System.
 - Installation & Termination of Dimming System.
 - Installation & Termination of Generator Fuel System.

Accomplishments:

- Supervision of Electrical works and low Current System on Maadi Nile SECON NILE TOWER (High Rise Building).
- Shop Drawing and executive for (Lighting, Power, Data system, Fire

Alarm, Public Address system, CCTV system, Low voltage panels, Emergency & UPS Panels Design).

- Shop Drawing and executive for (Access Control System, Parking System, Dimming System, Audio Visual System).
- Shop Drawing and executive for (Satellite Master Antenna Television System, Building Management System, Installation of Medium Voltage Switch gear, Ring Main Units, Low Voltage Switch gear and low voltage panels).
- Field assessments and audits, visiting sites and analyzing facilities to audit the energy systems in place and to offer improvement suggestions.
- Work with construction managers and analyze energy data to determine if a building or a project is meeting the correct standards.

Field of experience :

- Good knowledge with HVAC System and its control.
- Good knowledge with tendering and shop drawing.
- Good knowledge with BMS and Smart Home Systems.
- Ability to work under pressure and make quick decisions.
- Leadership Skills and Team Player.
- Problem Solving and Decision Making.
- Analyzing data Analyzing situations communicating feelings.
- Understand value Engineering, Construction contracts.