

Holds a B. Sc. in Electrical Power & Machines Engineering and has 6 years experience in MEP construction, site execution, technical office roles and quantity surveying. Currently working as Electrical Project Engineer at AngloGold Ashanti - Sukari Gold Mine, managing complex infrastructure and fire protection projects in the mining sector. Proven expertise in cost optimization, electrical design and coordination across multiple disciplines.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/01/1995
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2019

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: SAP ERP (Material Management, Maintenance and Project Modules)
: AutoCAD
: Dialux
: ETAP
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Distribution Diploma.
: Lighting Academy Certificate.
: Distributed Control System (DCS) Course.
: PLC Course.
: Embedded Systems Course (Basic).

- : Internships at:
 - 3Brothers Factory: Lighting design and smart luminaries (Mar./Apr. 2019).
 - Giza Systems Company: KNX home automation and building management systems (Jan./Feb. 2019).
 - Schneider Electric Headquarter Company: KNX home automation and building management systems (Sep. 2018 – Dec. 2018).
 - Schneider Electric Badr Factory: Medium voltage Switchgear design (Jul./Aug. 2016).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From May 2025 till now
Employer	: AngloGold Ashanti
Project	: Sukari Gold Mine
Job title	: Electrical Project Engineer
Job Description	• Design & Calculations: - Lead electrical design calculations and layouts in collaboration with draftsmen to produce professional, detailed design packages including layout drawings. - Prepare load calculations, and VD calculations study. - Lead, review and approve CAD designers in creating different types of layouts and Coordination layouts. • Material Control & Quantity Survey: - Perform material quantity take-offs and upload material data into SAP Project Builder to support project planning and cost control. - Developed and assigned ANSI codes for non-stock materials to integrate them into the SAP inventory management system. - Prepared and issued RFQs (Request for Quotations) to qualified vendors, ensuring competitive pricing and timely procurement. - Tracked and monitored material inventory status in the warehouse to ensure availability and on-time delivery to project sites. • Installation & Supervision: - Supervise the installation of electrical systems including motors, transformers, MCCs, VSDs, lighting, power panels, and substations. - Ensure electrical work is carried out according to project drawings, specifications, and industry standards (e.g., IEC, NEC, IEEE). - Oversee the execution of a comprehensive life safety project within the mine, ensuring full integration of fire alarm, firefighting, and emergency systems in accordance with industry standards. - Manage electrical infrastructure and fire protection projects across several sectors of the mine including Dump Leach, Mine Infrastructure Power Upgrade, New Camp, New Mess, and RO4 Station. - Lead a team of ~20 personnel, including both local and foreign engineers and technicians (supervisors and leading hands). - Collaborate closely with the planning team to initiate effective planning strategies and enhance the execution process of electrical projects.

- Commissioning & Testing:
 - Conduct pre-commissioning and commissioning of electrical systems.
 - Perform loop checks, insulation resistance tests, megger tests, earth resistance tests, etc.
 - Troubleshoot and resolve electrical faults during startup and production.
- Project & Contractor Management:
 - Coordinate with contractors, vendors, and internal teams to ensure timely execution of work.
 - Review and approve method statements, invoices, and material submittals.
- Safety & Compliance:
 - Ensure compliance with HSE standards and local electrical codes.
 - Conduct Job Safety Analysis (JSA), Safe Work Procedure (SWP), Risk Assessments, Lockout & tag out, TAKE5, and MOC before starting critical activities.
 - Ensure adherence to safety standards and AngloGold Ashanti engineering procedures.
- Documentation & Reporting:
 - Maintain accurate records of installations, inspections, and test results.
 - Generate daily progress reports and update project status to engineering leads.
 - Monitor project progress, prepare reports, and manage procurement and technical reviews.
 - Oversee full material management cycle for electrical projects, from quantity surveying and uploading material requests to SAP, through procurement follow-up, to ensuring on-time material delivery to site.

Dates : From Feb. 2024 till May 2025
Employer : Gama Construction
Project : BRT Project (4 Stations), Egypt
Job title : Electrical Technical Office Engineer
Job Description :

- Prepare electrical shop drawings, quantity surveys and as-built drawings.
- Coordinate with consultants for technical approvals.
- Manage material submittals and variation orders.
- Prepare subcontractor and client invoices based on progress reports.

Dates : From Dec. 2022 till Feb. 2024
Employer : EPOWER - Electricity Distribution Company
Job title : Electrical Technical Office Engineer
Job Description :

- Lead Redesign of electrical infrastructure packages for major residential projects.
- Achieved a 35% cost reduction and increased system efficiency by 30%.
- Reviewed contractor submittals, coordinated with consultants and authorities.
- Supervised FAT/SAT and site testing and commissioning.

Dates : From May 2022 till Dec. 2022
Employer : EGY-MAINT Engineering & Contracting
Project : Hyde Park Infrastructure Project
Job title : Electrical Infrastructure Site Engineer
Job Description :

- Supervised site installation and execution based on contract specs.
- Coordinated between civil, mechanical, and electrical teams.
- Managed labor teams, site inspections, and procurement follow-up.
- Prepared site invoices and material requests.

Dates : From Mar. 2020 till May 2022
Employer : Unitech MEP Contracting
Project : Latin District, Al Alamein
Job title : Electrical Quantity Surveyor (QS)
Job Description :

- Prepared material requests, breakdown sheets, and BOQs.
- Managed client and subcontractor invoices.
- Ensured documentation compliance with RFPs, RFIs, and VOs.

Field of experience :

- MEP Construction / Infrastructure (MV&LV) / QS / Site Supervision.
- Mines (Industrial / Construction / Infrastructure / Life Safety) / SAP.