

MOHAMMED ALTAYEB

Najran, Saudia Arabia 66311 | 0503997318 | mohammedaltayeb123@yahoo.com

Professional Summary

Systematic Electrical Engineer experienced in managing electrical project lifecycle from design phase to delivery and implementation. Polished in analyzing, troubleshooting, and developing solutions. Consistently delivers engineering services to meet company, customer, statutory and regulatory specifications on time and within budget.

Skills

- Team Collaboration and Leadership
- Project Management
- Risk Management
- Schedule Management
- Problem-Solving
- Specification Review
- Drafting Plans and Schematics
- Testing and Commissioning
- Troubleshooting
- Teaching
- MS Office
- Excellent Communication
- Conflict Resolution
- Task Prioritization
- Dependable and Responsible
- Research and Analysis
- Quality Management
- Power Systems Analysis
- Power Distribution
- Simaris / DIgsilent / Ecodial

Certificates: -

- PMO-CP
- PMI-PMP
- PMI-RMP
- PMI-SP
- NEBOSH-IGC

EXPERIENCES

Project Engineer

10/2021 - Current

Ibn Munasser Contracting Est – NAJRAN

- Supervising the Installation, Troubleshooting, and Maintenance of Overhead lines as Well As Underground Cables for Medium Voltages (33 & 13.8) and Low Voltages (220 & 400)
- Supervising Installation, Troubleshooting, and Maintenance of Medium Voltage switchgear (MRMU, SRMU, RMU,LBS, SLBS, SECTIONLIZER, AVR, RECLOSER)
- Prepare, Schedule, Coordinate, and Monitor Assigned Engineering Projects
- Monitor Compliance with Applicable Codes, Practices, QA/QC Policies, Performance Standards and Specification
- Assigning Responsibilities and Mentor Project Team
- Perform Overall Quality Control of Work (Budget, Schedule, Plans, Personnel's Performance) and Report Regularly on Project Status

- Review Engineering Deliverables and Initiate Appropriate Corrective Actions
- Maintained records for each project and engineering discipline.
- Monitored installation of materials and equipment for compliance with drawings and specifications.
- Completed construction tasks while providing safe working conditions, staying on budget, and meeting project deadlines.
- Developed engineering documentation detailing system requirements and diagnostic procedures.
- Utilized various electrical tools and equipment to diagnose and troubleshoot electrical problems.
- Monitored installation and operations to consistently meet rigorous customer requirements.
- Evaluated project scope to estimate costs and set timelines for project delivery.
- Initiated project Management knowledge study and subsequently standardized project management practices.

Electrical Engineering

01/2020 - 07/2021

Sudanese Electricity Distribution Company – KHARTOUM

- Build Electrical Power Distribution Systems In Overhead & Underground Facilities
- Design Cable Routes and develop Physical Layouts Including Height, Spacing, and Location Parameters
- Determine Electrical Equipment's Needs and Quantities For Development of New Power Systems
- Manage Voltage Drop, Short Circuits, Power Factors, Sag, and Stress promptly
- Provide Engineering Support to Operations & Maintenance Of Power Distribution Network
- Provided on-site engineering and technical services during installation and fielding processes.
- Evaluated electrical installations and systems to isolate faults and implement corrective actions.
- Inspected completed installations to observe operations and verify conformance to design and equipment specifications.
- Calibrated and repaired existing systems to maintain functionality.
- Used information in technical diagrams, schematics, and manuals to understand operations and make successful repairs.
- Monitor Performances of Electrical Systems and Recommended Improvement
- Analyze System Failures and Suggest Appropriate Resolution
- Work With the Manager In Planning and Executing Assigned Electrical Distribution Projects Within Deadlines and Budgets

Teaching Assistant [Part-Timer]

01/2020 - 07/2021

University of Khartoum – Khartoum - Sudan

- Supervising and managing Practice of Following Courses: -
- Basics of Electrical Engineering
- Measurement and Equipment
- Electronic Circuits
- Digital Circuits Design
- Analogue Electronic Circuits
- Computer Applications
- Assisted teachers with classroom management and document coordination to maintain a positive learning environment.

AL-Zaiem AL-Azhari University – Khartoum - Sudan

- Supervising and managing Practice of Following Courses: -
- Power System Analysis & Design
- Power System Protection
- Electric Machines
- Engineering Drawings
- Numerical Analysis

Education

High School Diploma

2020-2021

Alison – Indian Institute of Technology Rorki - On-Line

Power Protection and Switchgear

Bachelor of Science: Electrical Engineering (Electrical Power)

2013-2019

AL-Zaiem AL-Azhari University - Khartoum, Sudan

- GPA 3.56 Out Of 4.00

Online Training Courses

- Power Proficiency Training, Energy University Schneider Electric
- Motor Proficiency Training, Energy University Schneider Electric
- Substation Single Line Diagram, EEEP
- Future of Medium Voltage Switchgears, Energy University Schneider Electric
- Electric Power System, University at Buffalo & the State University of New York, USA
- Demand Response and Smart Grid, Energy University Schneider Electric
- Engineering Project Management: Initiating & Planning, Rice University
- Engineering Project Management: Risk, Quality, teams & Procurement, Rice University
- Engineering Project Management: Scope, Time, and Cost Management, Rice University

Training

- VLF Basic Training (HVA60), B2 Electronic, Najran , 10-2024
- OHS General Induction, SEC-Higher Institute - ABHA, 2023 04-11, 2023-04-11
- SEC Distribution Safety Rules & Safe Isolation, SEC-Higher Institute - ABHA, 2023 02-26, 2023-03-02
- Basic First Aid, SEC-Higher Institute - ABHA, 2023 04-11, 2023-04-12
- Project Management Professional Preparatory Course, Milestone Training Center, 2023 02-18, 2023-03-04
- Electrical Installation Design for Building and Facilities, Exemplar Center For Training and Career Development, 2019 07-03, 2019-07-09
- Generators Operation and Maintenance, Exemplar Center For Training and Career Development, 2019 09-09, 2019-09-17
- Electrical Power Equipment Testing & Commissioning, Exemplar Center For Training and Career Development, 2020 12-26, 2021-01-03

- Low Voltage Switchgear, Exemplar Center For Training and Career Development, 2021 02-15, 2021-03-24
- Electrical Maintenance, Sudanese Thermal Power Generation, 2016 05-29, 2016-06-12
- Electrical Maintenance, Sudanese Electricity Distribution Company, 2017 07-30, 2017-08-10
- Electrical Maintenance, Sudanese Electricity Transmission Company, 2017 08-15, 2017-08-22
- Power System Protection, Sudanese Thermal Power Generation, 2017 09-17, 2017-10-01

Languages

Arabic: Native language

English:  B2

Upper intermediate

Memberships

- Saudi Council of Engineering
- Sudanese Council of Engineering
- Project Management Institute
- PMO Global Alliance