

Mahamed Taher

District Manager

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Riyadh, Saudi Arabia

PROFESSIONAL SUMMARY

A highly skilled Electrical Engineer with 14 years of experience in leading and managing medium (MV) and low voltage (LV) network projects, including both overhead (OVHL) and underground (UG) systems. Expertise extends to the construction, operation, and optimization of power stations. Proficient in maintaining and operating electrical generators, fire suppression systems, and various power systems such as rectifiers, AC and DC systems, and HVAC. Demonstrates exceptional leadership in facility management, overseeing teams to ensure strict adherence to technical specifications, safety standards, and quality control. Renowned for solving complex problems efficiently and driving seamless operational continuity. Experienced in implementing SEC specifications, as well as handling overhead voltage lines installation and underground cable installations.

KEY COMPETENCIES

- Project Management
- Team Leadership and Supervision
- Electrical System Installation
- Power Distribution Systems
- Risk Assessment and Mitigation
- Project Execution
- Client Relationship Management
- Budgeting and Cost Management
- Medium Voltage (MV) Networks
- Low Voltage (LV) Networks
- Overhead Voltage lines (OVHL) Installation
- SEC Specifications & Standards
- Facility Management (FM)
- Excavation & Trenching Works
- Quality Control

PROFESSIONAL EXPERIENCES

District Manager | Shabakkat Company, Riyadh | 2024 – Present

Project: Smart Equipment Deployment Project – Eastern Region (Al Jubail, Khafji, Nairyah, Hafar Al-Batin)

- Lead Smart Equipment Deployment across multiple regions, ensuring timely and high-quality installations.
- Supervise the installation and maintenance of Medium Voltage (MV) Networks and Low Voltage (LV) Networks.
- Oversee the installation of Overhead Voltage Lines (OVHL) for both Medium Voltage (MV) and Low Voltage (LV) Networks.
- Provide leadership in planning and executing project strategies, setting goals and expectations for all teams involved.
- Oversee excavation teams for excavation sites, coordinating with municipal authorities.
- Manage vendor and contractor relationships, securing materials and adhering to timelines and budgets.
- Enforce client policies, ensuring full compliance with quality standards and project specifications.
- Lead testing, programming, and commissioning of RTUs, RMUs, and communication devices for optimal performance.
- Optimize field operations and provide troubleshooting support for system installation and calibration.
- Ensure quality control and meet acceptance criteria throughout the project lifecycle.

Team Leader Electrical Engineer | Shabakkat IPT Company, Riyadh | 2020 – 2024

Project: Smart Equipment Deployment Project

- Led installation and commissioning of ARMUs and RMUs, ensuring seamless system integration.
- Supervised excavation teams for site excavations, ensured all requested materials were secured, and coordinated with the municipality for excavation-related issues and permits.
- Directed teams in the installation, termination, and splicing of cables, ensuring high-quality execution and adherence to project specifications.
- Supervised dismantling and replacement of old RMUs, optimizing project efficiency.
- Implemented rigorous quality control, monitoring schedules, team performance, and project milestones.
- Directed the programming and testing of RTUs (DongFang, ZIV, Sprecher, Brodersen) and RMU modems (Inhand, Robustel, IR302, Teltonika), ensuring full operational functionality.
- Managed safety compliance, enforcing PPE requirements and optimizing team resources for maximum productivity.
- Implemented rigorous (QC) and (AC), monitoring schedules, team performance, and project milestones.

Electromechanical Engineer | Shabakkat IPT Company, Taif, Jeddah | 2017 – 2019

Project: Mobily Project

- Led corrective and predictive maintenance for critical systems (generators, HVAC, fire systems), ensuring operational reliability and minimal downtime.
- Directed installation, testing, and commissioning of DC power systems, HVAC panels, and fire systems, ensuring seamless integration and compliance.
- Oversaw quality assurance for electromechanical projects, conducting inspections and ensuring high standards for system installations.
- Coordinated cable terminations and system energization, managing site setups and ensuring efficient project execution.
- Managed Huawei equipment site installations, overseeing telecom system setup (ATNXXX, RTN950, BTS3900L) and ensuring operational readiness for Mobily.

IT Engineer | Huawei Company, Jeddah | 2015 – 2016

- Installed, configured, and troubleshot Cisco routers (2921/K9, 1921/K9, 1841, C881-K9, 3925), ensuring optimal network performance.
- Diagnosed and resolved network issues, promptly clearing alarms and minimizing downtime.
- Conducted preventive maintenance on Cisco routers, enhancing system longevity and reliability.
- Executed Provisional Acceptance Tests (PAT) to ensure equipment met performance and quality standards.
- Led installation and troubleshooting of NEC equipment (400-400A-Ipasolink1000) for TX ZAIN project, improving communication infrastructure.
- Managed QC/AC processes, ensuring adherence to high-performance and reliability standards across network equipment and infrastructure installations.

Office Coordinator & Site Engineer | Alkan CIT/Mansoura Office, Egypt | 2012 – 2014

- Coordinated the planning and execution of electrical work, ensuring alignment with technical specifications and project timelines.
- Provided engineering and technical support to electrical work groups, facilitating seamless collaboration with relevant technical staff.
- Oversaw installation and maintenance of DC Power Systems (Rectifiers 24V, 48V, and Backup Batteries), AC distribution, fire systems, and cooling systems. Managed all project documentation, including inspection requests, material requisitions, and progress tracking.
- Enforced strict safety protocols, ensuring compliance with health, sanitation, and environmental standards.

PROFESSIONAL DEVELOPMENT

- **Project Management Professional (PMP) Course**
- **Insulation Testing up to 10kV using Megger Insulation Tester MIT1025** | FARAD Training Center, Saudi Arabia | 2023
- **PLC Advanced** | Siemens
- **PLC1** | Siemens + Classic Control
- **MATLAB** | Faculty of Engineering, Mansoura University
- **Fire Fighting** | Generational Excellence Training Center, Saudi Arabia | 2025
- **Basic First Aid CPR & AED** | Health & Rescue Training Institute, Saudi Arabia | 2025
- **Distribution Safety Rules & Safe Isolation & Switching Procedure** | SESP Training Center, Riyadh | 2023
- **OHS General Induction** | SEC Higher Institute, Riyadh | 2024
- **Safety Courses:** Firefighting, First Aid, Distribution Safety Rules & Safe Isolation & Switching Procedure, Risk Assessment, OHS General Induction, Climbing Tower
- **IT Essentials** | Cisco Certification
- **VHDL** | High Technology Center, Cairo University
- **GSM, GPRS, EDGE, UMTS, LTE** | Mobile Package
- **Optical Fiber Diploma and Network**
- **CCNA**
- **Instrumentation and Process Control**
- **Microsoft Excel Advanced**

MEMBERSHIPS

- Electrical Engineer, Saudi Association of Engineers | Member since 2015

EDUCATION

Pre-Master's in Electrical Engineering

Mansoura University | 2013

Overall Grade: Good

Bachelor's Degree in Electrical Engineering (Electronics & Communication Department)

Mansoura University | 2011

Overall Grade: Good

Graduation Project: Study and Implementation of VOIP

Grade: Excellent

LANGUAGE

- **Arabic:** Native
 - **English:** Professional Working Proficiency
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