

# MOHAMMED WUTAYDAH

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## ELECTRICAL ENGINEER

Highly motivated Electrical Engineer with strong academic and practical experience in power systems, low-current systems, and electrical design. Demonstrated ability to manage installations, supervise contractors, resolve technical issues, and deliver high-quality engineering outcomes. Seeking to contribute technical expertise, problem-solving abilities, and on-site leadership to complex engineering projects.

## EDUCATION, CERTIFICATIONS & MEMBERSHIPS

- Saudi Council of Engineers – Electrical Engineering Technology (Membership No.: 1039586 )
- Bachelor's in Power & Electrical Machines Engineering (2023)
- Diploma in Electrical Engineering (2020)
- OSHA 30h – ACN Safety Training Institute & TVTC (2024)
- ISO 45001 – TVTC (2024)
- UK Risk Assessment – TVTC (2024)

## EXPERIENCE

### Site Electrical Engineer – Marmara Contracting Est | Makkah (Oct 2024 – Present)

- Supervised electrical installations across 16+ floors, including 265 ducted AC units, package units, lighting, CCTV, fire alarm, and low-current systems.
- Reviewed and approved 120+ shop drawings ensuring compliance with codes, standards, and project requirements.
- Coordinated daily work between 5 subcontractors and various engineering disciplines to prevent conflicts and maintain progress.
- Inspected and approved installation of MDBs, DBs, and 1,200+ lighting points ensuring proper execution and safety.
- Monitored load distribution up to 2,000 kVA, resolved site issues, and prepared weekly progress and technical reports.

### Electrical Engineer – Albarakah Company | Makkah (Hajj Season – 2023)

- Dug trenches and installed 500+ meters of cables from scratch.
- Distributed power from the main station to 4 MDBs and 20+ sub-panels.
- Tested and commissioned electrical systems ensuring safety compliance.
- Delivered full project handover with consultant approval.

### Freelance Site Engineer – Villa Full Renovation | Makkah (2023)

- Led and executed a full renovation project for a two-floor villa (approx. 300 m<sup>2</sup>).
- Managed 10+ workers across various trades (electrical, civil, plumbing, finishing).
- Supervised material selection for 30+ materials ensuring quality.
- Delivered project within 3 months from demolition to handover.

## SKILLS

- Electrical Design & Implementation
- Power Distribution & Load Calculation
- Low-Current Systems (CCTV, Fire Alarm, Data)
- Panel & Switchgear (MCCB, MCB, MDB, SMDB)
- Testing & Commissioning
- AutoCAD Electrical
- Site Supervision & Coordination
- Time Management & Communication
- On-site Problem Solving