



MOHAMMED ABDULLAH ALSHARIDI

ELECTRICAL ENGINEER

PMP - LEED GA - MOSTADAM AP - MEP - OSHA

EDUCATION

BACHELOR OF ELECTRICAL ENGINEERING - KING KHALID UNIVERSITY 2017/2018

MASTER OF BUSINESS ADMINISTRATION (MBA) - MIDOCEAN UNIVERSITY - 2024/2025 ONGOING

member of Saudi engineers Membership Number: 384647 national ID : 1079762595

Project Management Institute (PMI) Membership Membership Number: 10700240

SKILL

- Fluency in spoken and written English
- Proficiency in the use of computers and Microsoft Office Programs
- Proficiency in AutoCAD & ETAP Programs
- Work under pressure
- Proficiency in REVIT MEP

LANGUAGE

- English
- Arabic

CONTACT

MAKKAH - ALQUNFUDAH

0506210067

eng.mohammed.alshardi@gmail.com

PROFESSIONAL SUMMARY

Experienced Electrical Engineer with a proven track record in supervising construction projects, reviewing and approving technical designs, and ensuring strict compliance with Saudi Building Codes, electrical specifications, and safety standards. Adept at delivering energy-efficient and cost-effective electrical solutions across large-scale developments. Actively supports green building certifications including LEED, Mostadam, and Parksmart, contributing to the realization of Saudi Vision 2030 sustainability objectives.

WORK EXPERIENCE

Nesma & Partners (08/01/2025) to date

Sustainability engineer

- Lead sustainability compliance for mega construction projects in accordance with LEED, Mostadam, and Parksmart certification systems.
- Review and evaluate material submittals for environmental attributes including VOC content, recycled content, regional sourcing, and EPDs.
- Coordinate with project stakeholders to ensure integration of sustainability goals from design through execution.
- Conduct technical assessments and audits of construction materials and processes to verify alignment with green building requirements.
- Collaborate with suppliers and subcontractors to ensure proper documentation and third-party test reports are provided (e.g., VOC reports, fire suppression system compliance).
- Organize and deliver sustainability training sessions and awareness campaigns (e.g., Earth Day, Earth Hour) for construction teams and site staff.
- Monitor and report on waste diversion, diesel consumption, water efficiency, and other sustainability performance indicators.
- Work closely with consultants and clients to resolve non-compliance issues and maintain certification pathways.
- Prepare formal sustainability reports and visual summaries (charts, graphs, PPTs) for client presentations and internal evaluations.

Saudi Consulting Services Co. engineering consultant (saudconsult) (28/12/2022) to (08/01/2025)

Consultant electrical engineer

- Supervised the construction and maintenance of electrical distribution grids up to 36 kV for the Saudi Electricity Company, ensuring full compliance with technical specifications and project standards.
- Oversaw the execution of low-voltage (LV) and medium-voltage (MV) overhead line projects, including the installation of overhead transformers and stringing of overhead cables.
- Managed the implementation of underground electrical distribution networks, covering trenching, cable laying (MV and LV), and installation of transformers, Ring Main Units (RMUs), and distribution pillars.
- Led pre-commissioning testing and inspections for transformers, RMUs, and both overhead and underground cables, verifying performance and operational readiness in accordance with Saudi Electricity Company standards.

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WORK EXPERIENCE

Saleh Abdullah Al-Rajhi Engineering Consulting (01/11/2020) to (28/12/2022)

United Projects Consultants office (01/01/2019) to (01/11/2020)

MEP Engineer

- Supervised the execution of low-voltage (LV) and extra-low voltage (ELV) electrical systems—such as fire alarm, CCTV, data, and access control—in educational and administrative construction projects, ensuring alignment with the Ministry of Education's technical standards.
- Reviewed and approved shop drawings and material submittals before procurement to ensure compliance with project specifications and LEED sustainability requirements.
- Oversaw the on-site implementation of electrical systems, coordinating with contractors and consultants to ensure timely, safe, and quality execution.
- Ensured that installed systems supported energy efficiency goals and were consistent with the project's LEED certification objectives (e.g., energy performance, indoor environmental quality, and material credits).
- Prepared technical progress reports, site documentation, and monthly payment certificates to support construction workflows and project controls.
- Conducted feasibility studies and quantity surveys to support the planning and budgeting of new builds, project completions, and rehabilitation of existing infrastructure.

COURSES

- Professional Project Management Course (35 PDU).
- LEED Green Associate Prep Course (18hrs).
- Mostadam course for residential buildings (15hrs).
- Existing Building Inspection (25hrs)
- Electricity generation (1.5hrs).
- Home electrical system (3.5hrs).
- Emergency backup power systems UPS (3hrs).
- DC machines (4.5hrs).
- Photovoltaic solar (7hrs).
- Grid tied PV systems (1.5hrs).
- Electrical Power Engineering Distribution design (8hrs).
- Design of solar system (40hrs).
- Electrical installation, site management (5hrs).
- Operational planning and performance measurement (15hrs).
- REVIT MEP (20hrs).
- Power transformers (3hrs).
- Occupational Safety and Health Supervisor (36hrs).
- Electrical Power Substations (3.5hrs).
- Distribution safety rules & safe isolation & switching procedure.
- OHS General Induction.
- Microsoft Excel.
- data analysis