

MOHAMMAD YASIR

(ELECTRICAL ENGINEER)

Name	:	Mohammad Yasir	
Position	:	Electrical Engineer	
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Location	:	<u>Saudi Arabia</u>	
Languages	:	English Arabic Urdu/Hindi	

OBJECTIVE

To obtain a challenging and rewarding role as an Electrical Engineer in a reputable organization, where I can utilize my experience in electrical engineering, project management, and quality control to deliver high-quality projects and contribute to the growth and success of the company. I aim to work on complex projects that require innovative solutions, collaboration, and leadership, and to continue developing my skills and knowledge to stay at the forefront of the electrical engineering field.

SUMMARY OF EXPERIENCE

Highly experienced Electrical Engineer with **over 8 years of experience in MEP and design**, specializing in Medium and Low Voltage systems, Lighting Engineering, and Electrical Assemblies. Proven track record of delivering high-quality projects in building construction and infrastructure development with reputed companies in Pakistan and Saudi Arabia. Skilled in:

- Medium and Low Voltage engineering
- Landscape Lighting design review and Installation
- Street lighting design review and Installation
- Substation and electrical assemblies (circuit breakers, switchgears, transformers, RMU etc.)
- Power and Instrument cable engineering
- UPS, motors, generators, and solar systems
- ACS & CCTV System
- Quality control and assurance
- Electrical installations, testing, and commissioning
- Project closing out and closure of PMCC or punch items

With a strong background in electrical engineering and a commitment to excellence, I am confident in my ability to contribute to complex projects and deliver results-driven solutions.

PROFESSIONAL EXPERIENCE

Project Name : Al Mashaaer Al Mugaddassah Metro Southern Line (MMMSL)
Employment Duration : July-2025 – To Present
Job Title : Electrical Engineer
Company : China Railway Construction Corporation (CRCC)
Client : Saudi Arabia Railways (SAR)

Project Name : JCDC Stadium And Villages
Employment Duration : Mar-2024 – July-2025 (1.5 Years)
Job Title : Electrical Engineer
Company : China Railway Construction Corporation (CRCC)
Client : JCDC

Project Name : King Salman Energy Park (SPARK)
Employment Duration : Oct-2021 – Mar-2024 (2.5 Years)
Job Title : Electrical Engineer
Company : China Railway Construction Corporation (CRCC)
Client : Saudi Aramco

Project Name : RABIGH-III Independent Water Plant Project
Employment Duration : Dec-2018 – Sep-2021 (2.9 Years)
Job Title : Electrical Engineer
Company : SMN Industrial Services
Client : Saudi Aramco

Project Name : Pakistan Water & Power Development, Tarbela dam
Employment Duration : Oct 2016 – Sep 2018 (2.0 Years)
Job Title : Electrical Engineer
Client : Pakistan Ministry Of Water Resources

Project Name : Bus Rapid Transit (BRT) Peshawar, Pakistan
Employment Duration : June 2015 – Sep 2016 (1.0 Year)
Job Title : Electrical Engineer
Client : Pakistan Ministry Of Energy

PROFESSIONAL EXPERIENCE DUTIES AND RESPONSIBILITIES

- Collaboration with project managers and sub-contractors to ensure timely project delivery.
- Conduct site visits and ensured compliance with electrical codes and regulations.
- Design review of electrical systems for commercial and residential buildings and Infrastructure projects
- Responsible for the activities of MV Cable, LV Cable, SCADA PC & IC, Street lighting Cables, Landscape lighting including the Equipment installation & testing, trench excavation, cable installation, cable testing and termination.
- Coordinate with the engineering design team on all aspects of the design, Manage approvals for the completion of testing and commissioning work.
- Review the testing and Pre-commissioning procedure, testing plan of all the electrical equipment such as PKSS, RMU, Transformer, Switch Gear, Switch Board, ATS, Diesel Generator, MV cable Hipot test, MDB, MCC, DB, UPS, Panelboard and Feeder Pillar.
- Testing and commissioning of Electrical equipment such as PKSS, RMU, Transformer, Switch Gear, Switch Board, ATS, Diesel Generator, MV cable Hipot test, MDB, MCC, DB, UPS, Panelboard and Feeder Pillar.
- Review of Pre-commissioning and Energization packages of all the Electrical systems prior to submission to Saudi Aramco for approval.
- LV & MV Cable installation and Testing, and all other kinds of Electrical Equipment Materials & Accessories installation and testing.
- Successfully installed and configured CCTV systems including IP and analog cameras, NVRs/DVRs, and network infrastructure ensuring optimal surveillance coverage across multiple facility zones.
- Performed testing and commissioning of Access Control Systems (ACS), including card readers, biometric devices, magnetic locks, and integration with building security management platforms.
- Conducted system troubleshooting, diagnostics, and fault rectification to ensure full compliance with client specifications and security standards (e.g., SEC, Aramco, or project-specific guidelines).
- Coordinated with vendors, subcontractors, and consultants during installation and handover phases to ensure timely completion, documentation, and approval of security system deliverables.
- Responsible to the execution and supervision of all construction activities related to electrical works.
- Co-ordinate with all the concerned parties like the Saudi Aramco Inspection department, Proponent, Commissioning

engineer and third-party testing agency for the successful completion of the pre-commissioning and commissioning for Electrical systems energization.

- Coordinate and supervise the work of all electrical activities (material approval, delivery, installation, Testing & Commissioning and proper operation after energization).
- Responsible for the Landscape lighting work as well as the functional testing.
- Responsible for all the grounding system installation and testing.
- Responsible for all the buildings lightning protection system installation.
- Responsible for all the Street lighting installation and illumination testing.
- Responsible for all the Indoor lighting installation and illumination testing.
- Responsible to manually Energize Traction Power Substations (TPS)
- Preparing safe work method statement.
- Ensure track position to for safe work.
- Control track access for site workers.
- Operational support to the commissioning team on site.
- Providing support for train testing.
- Monitoring and reacting all the Meggering of cables.
- Providing field staff with the relevant information for a safe working environment.
- Ensure Track condition for other companies for safe work after de-energization.
- Actively involved in the closing of PMCC (YES and NO) items issued by Saudi Aramco for the successful completion of the project.
- Ensure the construction is in compliance to the project drawing and specification.
- Notify the change request and details to project management team.
- Improve plant safety and progress.
- Plant Execution of Shop drawings, strictly, as per Approved from the Design Department
- Assisting in getting the approvals for the materials to be used & shop drawing approval.

EDUCATION

B.Sc. (Electrical Engineering)

- University of Engineering And Technology Peshawar

TECHNICAL SKILLS

- MS office
- AutoCAD
- Proteus
- Electronic Workbench
- Multisim
- C++
- Python
- MATLAB

OTHER SKILLS

- Good communication and presentation skills
- Effective team member
- Good planning, qualitative attitude and result oriented approach
- Having high integrity and adoptive in multicultural organization
- Punctual and regular
- Flexible, analytical and innovative

REFERENCE

- Reference can be provided on demand.