



## MOHD ABDUL RAHMAN

### Technical Office Manager

- Delivering World-Class Solutions with Integrity and Innovation
- Expert in EPC Projects, Site Supervision, and Power Engineering

**Value Integrator - Driving excellence in electrical engineering through ethical practices, transparency, and innovative leadership.**

A seasoned Senior Electrical Engineer with 15 years of experience in electrical and power engineering, delivering world-class solutions focused on onsite supervision, EPC projects, and strategic planning. PMP-certified with a strong emphasis on ethical business practices, transparency, and integrity, I excel in deploying cost-effective electrical systems, including Switch gears, Ring Main Units, Transformers, and Distribution Panels. Proven track record in leading complex projects across residential, commercial, high-rise, and infrastructure developments, ensuring compliance with international standards, technical specifications, and safety codes. Recognized for my thought leadership, I provide valuable insights into remapping processes, optimizing performance, and driving process improvements, enhancing overall project outcomes.

- ☞ **Site Supervision and Project Execution:** Spearheaded the end-to-end execution of complex electrical projects, ensuring compliance with technical specifications, safety standards, and client requirements. Successfully managed large-scale installations, including high mast poles, distribution panels, and power distribution networks.
- ☞ **EPC Project Management:** Led the management of intricate EPC projects, optimizing resources and aligning project strategies with business objectives. Oversaw contractor performance, handled technical evaluations, and ensured timely project delivery through proactive risk management.
- ☞ **Compliance and Quality Assurance:** Guaranteed 100% compliance of site materials and equipment with international standards, rigorously inspecting and approving contractor submittals and shop drawings. Conducted thorough evaluations to ensure that all installations met contractual stipulations and safety regulations.
- ☞ **Stakeholder Coordination and Leadership:** Coordinated with multidisciplinary teams, including contractors, engineers, and clients, to facilitate seamless project execution. Managed a team of Field Engineers, providing leadership and guidance to enhance productivity and maintain project alignment.

#### Technical Skills:

- Technical Specifications Compliance
- Power Distribution Management
- MV & LV distribution network
- Low Current Systems Management
- Management Systems Installation
- Cable Installation and Management
- MEP Works Supervision

#### Managerial Skills:

- EPC Project Management
- Project Leadership
- Contractual Oversight
- Interface Coordination
- Supplier & Subcontractor Evaluation
- Progress Reporting
- Bottleneck Resolution

#### Functional Skills:

- Engineering Site Supervision
- Cost-Effective System Deployment
- Performance Optimization
- Material and Drawing Review
- Proposal Development Support
- Quality Assurance
- Safety Standards Adherence

## WORK EXPERIENCE

April 2024 – present (OSAMA AZRAQ CONTRACTING COMPANY).

Technical office Manager (container yard terminal)

Job profile:

- Define technical scope and ensure alignment with project objectives.
- Coordinate with engineering, procurement, and construction teams to ensure seamless integration.
- Develop and maintain project schedules, ensuring timely delivery of technical deliverables.
- Review and approve engineering drawings, specifications, and technical documents.
- Lead design reviews and resolve technical issues during design and execution phases.
- Coordinate with designers to ensure that all designs meet employer requirements and project specifications.
- Define and validate design criteria in accordance with international codes and industry best practices.
- Evaluate and approve technical submittals from vendors and subcontractors.
- Ensure that procured equipment and materials meet project specifications.
- Coordinate factory acceptance tests (FAT) and site inspections.
- Provide technical guidance during construction and installation phases.
- Resolve site queries and non-conformities related to technical issues.
- Ensure that construction activities align with approved drawings and specifications.
- Implement and monitor QA/QC procedures for engineering and construction.
- Ensure adherence to HSE (Health, Safety, and Environment) standards.
- Conduct audits and technical reviews to ensure compliance.
- Act as the technical point of contact between the client, consultants, and internal teams.
- Prepare and present technical reports, progress updates, and risk assessments.
- Facilitate coordination meetings and technical workshops.

## WORK EXPERIENCE

Jul 2022 – Present | ROYAL HASKONING DHV SAUDIA LLC. CONSULTANT

Sr. Electrical Engineer (Water & Maritime)

**Job Profile:** Overseeing the installation and execution of complex medium and low-voltage power distribution networks. Expert in managing large-scale projects, coordinating with multidisciplinary teams, and ensuring compliance with international standards and technical specifications. Proven track record in guiding site operations, handling technical evaluations, and enhancing system performance. Adept at interfacing with contractors and stakeholders to drive project success. Focused on safety, quality, and delivering innovative solutions for infrastructure development.

- **Compliance Assurance:** Ensured all site materials and equipment met international standards, thoroughly vetting each item.
- **Supervision of Network Systems:** Successfully oversaw the complete execution of Medium & Low voltage network systems, including the installation of switchgear, transformers, and distribution panels.
- **Coordination with Stakeholders:** Collaborated with contractors, engineers, and clients to ensure smooth project delivery, facilitating on-site technical discussions.
- **Power Distribution Management:** Led the management of complex power distribution networks, utilizing duct banks for cables installation of transformers, RMU's LV distribution boards and overseeing Field Engineers in reviewing contractor submittals and addressing technical queries.
- **Installation Oversight:** Directed the installation of high mast poles with a focus on safety and strict adherence to project specifications.
- **Guidance and Monitoring:** Provided expert guidance to Construction Engineers and contractors, closely monitoring their contributions to ensure precision.
- **Technical and Contractual Management:** Managed contractor material submittals and shop drawings, resolved technical inquiries, and handled contractual issues such as variation orders, extensions of time, and claims.

#### Jul 2021 - Jul 2022 | AL-KUTHBAN ENGINEERING CONSULTANTS

##### Sr. Electrical Engineer (Water & Maritime)

**Job Profile:** Managed and supervised the installation of electrical and mechanical networks, including decorative lighting, control panels, and firefighting systems across multiple locations, ensuring adherence to quality and safety standards while coordinating with suppliers and subcontractors. Oversaw the installation of diverse electrical and mechanical networks, including more Low Voltage Decorative Lighting Poles, External Control Panels, and systems for Workshops, Warehouses, and Labor Camp utilities. Evaluated and provided strategic guidance in prequalification documents of suppliers and subcontractors to ensure the selection of qualified partners.

- **Strategic Project Leadership:** Led work sequencing initiatives to reduce rework and ensure tasks were completed with first-time accuracy.
- **Contractor Activity Oversight:** Validated and tracked contractors' completed tasks to confirm alignment with method statements and shop drawings.
- **Material and Drawing Approvals:** Reviewed and approved material submissions and shop drawings from contractors, ensuring full compliance with contract documentation.
- **Technical Query Resolution:** Identified and raised technical queries for conflicts or missing information, implementing appropriate actions based on responses.
- **Quality Assurance:** Monitored work quality to ensure adherence to contract requirements, industry best practices, and the use of approved materials.

#### Nov 2020 - Jul 2021 | UNITED CONSTRUCTION COMPANY LIMITED

##### MEP Engineer

**Job Profile:** Directed electrical and mechanical installations for infrastructure projects, including Water and Sewage Treatment Plants, ensuring compliance with design and contract specifications. Managed project execution, including MV/LV cable installations, power distribution, and fiber optic systems, coordinating with contractors, suppliers, and authorities to meet project milestones. Reviewed and approved technical submittals, shop drawings, and contractor work, ensuring quality standards and contractual obligations were met.

- **Collaboration and Compliance:** Worked closely with the Saudi Electric Company (SEC) and local authorities to ensure smooth site execution and compliance with local regulations.
- **Project Management:** Oversaw project timelines, costs, and technical specifications, ensuring that deadlines and budgets were successfully maintained.
- **Supplier and Subcontractor Evaluation:** Assessed and selected suppliers and subcontractors, ensuring the engagement of qualified partners to improve project quality and efficiency.
- **Electrical Systems Leadership:** Defined design criteria for electrical systems and directed the execution of electrical plans, including commissioning and operational activities.
- **Contractor Oversight:** Monitored contractors and third-party entities to ensure project milestones were completed on schedule.
- **Activity Inspection and Approval:** Inspected and approved contractor work, ensuring compliance with method specifications and detailed drawings.
- **Technical Supervision:** Addressed technical queries and oversaw the commissioning of medium and low voltage networks, RMUs, transformers, and distribution systems.

#### Sep 2019 - Oct 2020 | NAHDATH EL EMAAR CONTRACTING COMPANY

##### SR. Electrical Engineer

**Job Profile:** Developed detailed shop drawings and electrical designs for various building projects, ensuring compliance with safety standards and project specifications. Supervised electrical installations, including wiring, panel boards, and low voltage systems, while maintaining adherence to industry standards and SEC regulations. Managed the full scope of electrical projects, from initial planning and technical problem resolution to final inspections and client handovers.

- **Efficient Electrical Installations:** Successfully managed complex electrical installations, swiftly addressing technical issues to ensure projects remained on time and within budget.
- **Electrical Load Analysis & Quality Control:** Performed comprehensive electrical load assessments and applied stringent quality control procedures, guaranteeing compliance with regulatory and project requirements.
- **Advanced System Design & Implementation:** Developed and executed specialized electrical systems, improving security and operational efficiency while adhering to national safety standards.

#### Apr 2015 - Aug 2019 | OMRANIA AND ASSOCIATES CONSULTANTS

##### Electrical Engineer

**Job Profile:** Focused on managing installation and setup of substations, power distribution, and essential electrical infrastructure. Led teams to ensure compliance with international standards, HSE regulations, and local authority requirements, including SEC approvals. Managed project

execution, including progress tracking, cost control, material review, and testing of electrical systems.

- **Substation Installation & Power Reliability:** Led the installation of several high-capacity substations and distribution networks, boosting both operational efficiency and reliability of power systems.
- **Compliance & Regulatory Adherence:** Optimized project compliance procedures, leading to prompt approvals and strict adherence to safety and regulatory guidelines.
- **Testing & Commissioning:** Enhanced project success by conducting thorough testing and commissioning, ensuring electrical systems functioned at peak efficiency and met all safety standards.

## PREVIOUS EXPERIENCE

**Jun 2010 - Feb 2015 | SNAM ELECTRICAL PVT. LTD**

### Electrical Engineer

Supervised and monitored site activities to ensure quality of works followed contract requirements.

- Site execution of electrical installation and distribution system.
- Carried out all planned site instructions as per the intervention point marked in the inspection and test plan.
- Checking installation of conduits and wiring for lighting system, CCTV, fire alarm, smoke detector, power & telephone.
- Reviewed the relevant as built drawings as built by the contractor and ensured that all site conditions were properly addressed highlighted and slippage of progress regarding site activities and attended technical and progress meetings.
- Inspect the work and issues of site instructions and NCR as necessary.
- Participates in progress technical and coordination meetings as required.
- Checks contractor correspondence on contractual issues, variation orders evaluation, extension of time and claims etc.
- Testing and commissioning of all the electrical installation including RMU, transformers, LV panel, SMDB's DB's generators fire alarm access control telephone system and CCTV systems.
- Responsible for daily, weekly report monthly and quarterly report of the site progress to the client.

## EDUCATION

2010 pass out | B. Tech | Electrical & Electronics engineering  
Jawaharlal Nehru Technological university

## PERSONAL DETAILS

Iqama status : Transferable  
D.O. B : 05- Feb-1989  
Religion : Islam  
Marital status : Married  
Nationality : Indian  
Driving license : Valid  
Language known : English, Hindi & Urdu