

# Abu Hourera

## PROJECT ENGINEER (ELECTRICAL)

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SEC Registration# 1170295

### ABOUT ME

#### Executive Profile — Engineering & Project Delivery

Boasting an impressive 18-year journey in the energy sector's executive management, I am a dynamic leader and innovative professional with a proven track record in electrical field operations and project management. My multifaceted expertise covers a spectrum of roles, from Project and Technical Engineer to QA/QC Manager and Senior Manager, where I have consistently delivered excellence in OHTL, Substation, and Underground Network operations. I possess a deep understanding of the intricacies involved in the design, planning, and development of critical projects, including hospitals, residential complexes, and infrastructure in Overhead Networks. My hands-on experience with the rehabilitation of existing feeders, installation of capacitors, energy meter replacements, and electrification schemes from Grid Stations underscores my capability to handle complex challenges. As a seasoned Energy Sector Executive, I am poised to contribute my project management prowess and electrical operations expertise to your team, fostering innovation and driving operational excellence.

Dynamic Energy Executive with eighteen years mastering electrical projects and operations, eager to drive innovation and excellence in your team.

### WORK EXPERIENCE

ABV Rock Group Ltd. | Jeddah, SFMC, KSA | Aug 2021 - Present

#### Project Engineer Electrical (Specialized Electrical Engineer)

A results-driven engineering professional with over 18 years of experience leading large-scale building and infrastructure projects. Skilled in strategic planning, multidisciplinary coordination, and technical oversight, with a proven record of driving quality, cost, and schedule performance. Adept at translating organizational vision into actionable engineering plans while fostering collaboration across design, construction, and operational teams.

#### Leadership & Strategic Management

Directed the execution of annual business and operational plans for the Buildings & Places function, ensuring alignment with ABV Rock Group Ltd. corporate vision and mission.

Translated strategy into measurable goals and monitored delivery to achieve performance, safety, and quality objectives.

Built and led high-performing mechanical and multidisciplinary teams through coaching, performance management, and continuous improvement.

Fostered a culture of accountability, innovation, and excellence aligned with corporate values and strategic direction.

Led budgeting and financial performance monitoring, identifying opportunities for cost optimization and resource efficiency.

#### Engineering Oversight & Technical Leadership

Supervised design and implementation of mechanical systems and related infrastructure across large-scale developments.

Directed conceptual and detailed design processes, ensuring technical accuracy and compliance with international safety and environmental standards.

Audited shop and composite drawings to identify potential clashes between MEP and civil works, ensuring constructability and design integrity.

Oversaw system installation assessments, testing, and commissioning to verify operational performance under Red Sea environmental conditions.

Conducted design review meetings with architecture, construction, and subcontractor teams to align project execution with design intent and timelines.

Evaluated material submittals through cost modeling and technical assessment to ensure optimal value and compliance with specification.

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## Project Coordination & Delivery

Supported complex project delivery by leading coordination, communication, and risk management across internal and external stakeholders.

Acted as the primary liaison between design, procurement, manufacturing, and client teams throughout execution phases.

Managed project documentation, design approvals, and milestone tracking to maintain alignment with contractual obligations.

Identified and mitigated project risks, escalating critical issues to ensure continuity and timely delivery.

Coordinated FAT (Factory Acceptance Tests) and OBD (Onboard Delivery) activities, ensuring quality compliance and readiness for handover.

Monitored project progress, scope variations, and cost impacts to maintain control of schedule and commercial objectives.

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## Governance, Quality & Compliance

Ensured consistent adherence to company policies, QA/QC procedures, and international engineering standards.

Conducted audits, reviews, and inspections to uphold quality benchmarks and regulatory compliance.

Developed RFQs and evaluated technical and financial bids, securing alignment with organizational standards and project goals.

Supported the development of lessons-learned programs and continuous improvement frameworks across the organization.

Oversaw the integration of health, safety, and environmental principles into all project activities.

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## Core Competencies

**Project & Engineering Management | Strategic Planning | Design Review & Coordination | Risk & Change Control | Quality Assurance | Budgeting & Cost Optimization | Stakeholder Communication | Multidisciplinary Leadership | Procurement Evaluation | Health, Safety & Environmental Compliance**

**ABV Rock Group Ltd.** | Al Batha SBH-S05 , KSA | Jul 2016- Aug 2021

### Senior QAQC Engineer (Electrical Engineer)

- Developed and maintained project-specific quality documentation, including Quality Plans, Procedures (from scratch), RMIs, RFIs, and related templates.
- Performed electrical system testing—insulation resistance, continuity, and functional verification—to ensure equipment integrity and reliability.
- Demonstrated deep knowledge of electrical engineering standards and codes, including IEC and NEC.
- Conducted routine site inspections to verify compliance with electrical standards, project specifications, and safety regulations.
- Oversaw installation activities to ensure precise execution in accordance with approved drawings and technical requirements.
- Monitored and analyzed daily quality performance data to identify trends and implement proactive improvements.
- Supported project QA/QC teams to align quality objectives with project requirements and client expectations.
- Defined, implemented, and maintained internal company quality standards to ensure consistency across global projects.
- Managed a lessons-learned register to capture insights and drive continuous improvement initiatives.
- Prepared and maintained comprehensive audit documentation, including checklists, templates, and compliance reports.
- Verified the quality and suitability of construction materials and electrical components before installation.
- Ensured all works complied with approved designs, technical specifications, and relevant industry codes.
- Maintained detailed inspection and testing records to support quality traceability and accountability.
- Compiled quality reports highlighting inspection results, deviations, and corrective measures.
- Identified and documented non-conformances, implementing corrective and preventive actions as required.
- Coordinated with multidisciplinary project teams to resolve quality issues and enhance process efficiency.
- Conducted internal and external audits to assess compliance with established QA standards and regulations.
- Reviewed operational processes to identify gaps and recommend opportunities for performance optimization.

**Advance Energy Contracting Company (AECC) | Khafji, KSA | 2013 - 2014**

**Electrical Engineer as Sub-Con**

- Led and executed quality control inspections for electrical and instrumentation materials, installations, and systems from receipt through commissioning.
- Reviewed and verified incoming materials and equipment for compliance with project specifications, international standards, and Saudi electrical codes.
- Monitored site installation activities to ensure conformance with design drawings, technical standards, and safety procedures.
- Conducted functional testing, system integration, and performance validation during pre-commissioning and commissioning stages.
- Prepared and maintained QA/QC documentation, including inspection reports, NCRs, corrective action records, and ITPs.
- Ensured continuous adherence to IEC, IEEE, ANSI, and Saudi Electrical Codes throughout all project phases.
- Coordinated closely with engineering, procurement, construction, commissioning, and operations teams to embed quality in every project stage.
- Provided technical oversight for electrical systems such as switchgears, transformers, and substations Collaborated with design consultants and suppliers to facilitate the successful construction of Khafji 115/13.8kV Substation and Safaniyah Substation.
- Evaluated suppliers and subcontractors through quality audits and performance assessments.
- Managed quality assurance and control processes to maintain high standards in electrical engineering projects.
- Conducted thorough inspections and coordinated with National Grid - Electricity Operations Area (NG-EOA) to ensure procedural compliance.
- Collaborated with design consultants and suppliers to facilitate the successful construction of Khafji 115/13.8kV Substation and Safaniyah Substation.
- Oversaw all quality-related procedures, reinforcing adherence to industry standards and regulations.
- Supervised electrical installation and testing activities, ensuring technical accuracy and safety.

**K-Electric Company | Karachi, Pakistan | Aug 2004 - Dec 2013**

**Associate Engineer**

- Collaborated with cross-functional teams to ensure project objectives were in alignment with organizational goals.
- Troubleshoot and resolved a wide range of technical issues throughout the project lifecycle.
- Committed to professional development by participating in workshops, seminars, and staying abreast of industry trends through relevant publications.
- Played a pivotal role in the successful erection and commissioning of GIS Grid Stations.
- Managed emergency responses to electrical breakdowns and feeder tripping for 132Kv, 11Kv, and 0.4Kv systems, achieving timely restoration of services.
- Conducted load-balancing switching operations on 11kv feeders using KESC Ring system diagrams to maintain network integrity.
- Addressed and resolved faults in distribution sub-stations, ensuring the reliability of protective, measuring, and control instruments from various manufacturers.
- Maintained high engineering standards focusing on quality, cost-efficiency, safety, timeliness, and performance.
- Demonstrated strong communication skills and the ability to forge robust relationships with colleagues and stakeholders.
- Analyzed and diagnosed faults in Low Voltage underground cable networks using a variety of testing methods.
- Supervised the laying and commissioning of cable network systems to optimize operational efficiency.
- Installed Low Voltage infrastructure components, ensuring adherence to technical specifications and safety standards.

## EDUCATION

Khadim Ali Shah Bukhari | Karachi, Pakistan | 2014

**MBA in supply chain management**

Mehran University of Engineering | Jamshoro, Pakistan | 2009

**B-Tech Electrical (Hons)**

## SKILLS

Electrical systems design, installation, testing & commissioning

Quality assurance and quality control

Material testing and inspection

Cable laying and termination

Project management and coordination

Safety procedures and standards

Electrical system equipment selection

Supervision of electrical works

## LANGUAGES

English

Arabic

Urdu

## PERSONAL DETAILS

**Nationality**

Pakistani

**Date of birth**

26-10-1977

**Marital status**

Maried

**Driving license**

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