

SAJID NAWAZ KHAN

Electrical QA/QC Engineer (SCE Certified)

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Visa Status: Transferable Iqama

Address: Riyadh, Saudi Arabia (KSA)

PROFILE SUMMARY

Electrical QA/QC Engineer with 9+ years of experience in construction, testing, and commissioning of MV/LV electrical systems across large-scale projects in Saudi Arabia. Expertise in quality inspections, ITPs, NCR management, and compliance with IEC, NEC, SEC, and SBC standards. Proven experience in high-profile projects including King Salman Park and KAFCO. Strong background in testing, documentation, and coordination with consultants and contractors. Available for immediate joining.

CORE SKILLS:

- QA/QC Documentation: ITP, MIR, WIR, RFI, NCR
- Testing & Commissioning: IR, VLF, Hi-Pot, Primary & Secondary Injection
- Electrical Systems: MV/LV (11kV/400V), RMU, Transformers, Switchgear, MDB, SMDB
- Standards: IEC, NEC, SEC, SBC, Aramco Standards.
- Inspections: Installation, Material, Pre-commissioning
- Software: Auto CAD, Primavera P6, MS Office, Aconex
- Coordination: Consultants, Clients, Subcontractors

PROFESSIONAL WORK EXPERIENCE

Electrical QA/QC Engineer

First Fix Company – King Salman Park Project, Riyadh

Aug 2023 – Present

- Conduct electrical inspections as per approved drawings, specifications, and ITPs
- Perform testing: insulation resistance, continuity, Hi-Pot, VLF, primary & secondary injection
- Review and approve QA/QC documents (ITP, method statements, procedures)
- Raise and close NCRs, maintain QA documentation and reports
- Inspect installation of RMU, transformers, switchgear, MDB, SMDB, UPS
- Coordinate with consultants for inspection approvals
- Ensure compliance with SEC, IEC, and project quality standards
- Monitor subcontractor performance and quality compliance
- Reduced NCRs by 20% through strict inspection control
- Successfully handled 300+ WIRs with 100% approval rate
- Completed testing & commissioning of MV/LV systems without major defects.

Electrical QA/QC Engineer

Saudi Arabian Baytur – KAFCO Project, Riyadh

Oct 2019 – Jul 2023

- Prepare and submit RFIs for inspection approvals
- Review MIRs and verify materials against approved submittals
- Conduct site inspections and ensure compliance with IFC drawings
- Maintain QA/QC records and documentation for audits
- Raise NCRs and follow up corrective actions

- Coordinate with consultants and client
- Support fire alarm and life safety inspections (Civil Defense readiness)
- Participate in testing and commissioning activities

Electrical Engineer

WAPDA – Hydropower Project (82 MW, 132kV Substation)

Sep 2016 – Aug 2019

- Assisted in installation of transformers, switchgear, CT/PT, and protection systems
- Supervised cable laying, termination, and grounding systems
- Performed continuity and insulation resistance testing
- Supported installation of busbars, panels, and control systems
- Ensured compliance with safety and technical standards

MAJOR PROJECTS

- King Salman Park (Riyadh)
- King Abdullah Financial District (KAFD)
- Red Sea Project (Hotels & Villas)
- CEER Automotive Factory
- 82 MW Hydropower Plant (132 kV Substation)

EDUCATION

Bachelor of Electrical Engineering

University of Engineering & Technology (UET), Peshawar Sep 2012 to August 2016

CERTIFICATIONS

- Saudi Council of Engineers (SCE)
- Pakistan Engineering Council (PEC)
- Primavera P6 Certified

LANGUAGES

- English – Fluent
- Arabic – Basic/Conversational
- Urdu – Fluent
- Pashto – Fluent
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