

Faizan Khan | QC Electrical Engineer - 11+ Years of Experience

KSA-Saudi Council of Engineers Certified- Membership # 1110353

Qatar-UPDA (MMUP) Certified-Registration # 30782

Pakistan-Pakistan Engineering Council (PEC) Certified-Registration # Elect/33565

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Profile Synopsis:

Dedicated and detail-oriented Quality Control Electrical Engineer with over 11 years of experience overseeing electrical installations and ensuring compliance with industry standards and regulations. Skilled in conducting thorough inspections, identifying deficiencies, and implementing corrective actions to maintain high-quality standards. Proven ability to work collaboratively with construction project managers and other stakeholders to deliver projects. Strong knowledge of electrical systems and material management for electrical installations. Committed to ensuring all electrical systems and components safety, reliability, and efficiency.

Extensive experience/knowledge in preparation & reviewing of Method Statements, Checklists, Test Reports & establishing ITPs for every activity and implementing Inspection procedures (MIRs & WIRs) as per local/international Standards/Regulations, Project Specifications, and Approved shop drawings. Responsible for ensuring, that the quality of the works being delivered by the MEP site teams are following the Project Quality Plan, Project Specifications, Procedures/Instructions, and approved Shop Drawings.

Professional Experience:

Organization: Al Rashid Trading & Contracting Company (RTCC) -Riyadh, KSA

Duration: May 2023 Till Date

Project: King Salman Park-Riyadh, KSA

Client: King Salman Park Foundation -KSA

Consultant: WSP Middle East & Faithful + Gould

Project Scope: Infrastructure & Landscape Works

Designation: QC Electrical Engineer

- Conduct comprehensive inspections of electrical systems and installations to ensure compliance with approved drawings, specifications, and applicable codes.
- Verify the quality of electrical workmanship, materials, and installation techniques in line with industry standards and best practices.
- Assess and document any deviations from approved plans and recommend corrective actions.
- Prepare detailed and accurate inspection reports highlighting electrical findings, deviations, and compliance issues.
- Maintain comprehensive records of electrical inspections, including photographs and relevant documentation, to support project documentation.
- Collaborate closely with project managers, architects, engineers, and other stakeholders to ensure effective communication and coordination of electrical inspection activities.
- Provide technical expertise and guidance on contractual compliance matters related to electrical systems.
- Enforce adherence to safety protocols and regulations specific to electrical installations on-site.
- Monitor and assess the quality of electrical work to maintain a safe working environment and ensure compliance

with the contractual requirements.

- Preparation & reviewing of Method Statements, Checklists, Test Reports & establishing ITPs for each and every activity.
- Responsible for the generation and closure of ISOR, INCR within the contractor if the work or processes deviate from the quality standards and perspective.
- Responsible to control all Non-Conformance Report (NCRs), Site Observation Reports (SORs) from Consultant and to prepare and submit corrective & preventive proposals by coordinating with construction team.
- Preparing daily QA/QC report regarding inspections, material, Non-conformances NCR, SOR & Pro-active notifications etc.
- Ensure that materials used at site are according to approved material submittal and compliance with Project Requirements.
- Prepare weekly surveillance reports and verification of corrective actions.
- Ensuring that all testing equipment used are calibrated and with valid certificates.
- Responsible for ensuring, that the quality of the works being delivered by the MEP site teams are following the Project Quality Plan, Project Specifications, Procedures, Instructions and approved Shop Drawings.
- Coordinate with the Sub-Contractors and Design teams for multi-disciplinary activities for coordination and implementation of the activities at site.

Organization: Redco International Trading and Contracting W.L.L. Doha, State of Qatar

Duration: July 2021 till November 2022

Project: Site 23 Al Rayyan Bus Depot, State of Qatar

Owner: Ministry of Transport and Communication (MOTC) - Qatar

Client: Public Works Authority (Ashghal) - Qatar

Consultant: AECOM Middle East Ltd.

Project Scope: Civil, Architecture and MEP Works

Designation: Electrical Engineer

Conduct thorough inspections of electrical installations, equipment, and systems to ensure compliance with project specifications, industry standards, and regulatory requirements.

- Preparation & reviewing of Method Statements, Checklists, Test Reports & establishing ITPs for every activity.
- Responsible to conduct daily inspections MIRs & WIRs based on engineering quality standards and as per project specifications, approved shop drawings & ITP procedures.
- Responsible to control all Non-Conformance Report (NCRs), Site Observation Reports (SORs) and to prepare and submit corrective & preventive proposal for the (NCRs) by coordinating with construction team.
- Maintain accurate records of inspections, test results, and corrective actions.
- Provide regular progress reports to project managers and other stakeholders.
- Oversee the testing and commissioning of electrical systems to ensure they meet performance and safety standards.
- Coordinate with third-party testing agencies as needed.
- Responsible for ensuring, that the quality of the works being delivered by the MEP site teams are following the Project Quality Plan, Project Specifications, Procedures, Instructions and approved Shop Drawings.
- Coordinate with the Sub-Contractors and Design teams for multi-disciplinary activities for coordination and implementation of the activities at site.
- Participate in project meetings and provide input on quality issues and resolutions.
- Ensure all electrical work complies with safety regulations and standards.
- Identify potential risks and hazards related to electrical installations and recommend mitigation measures.

Organization: Modern Technologies and Traders, Pakistan

Duration: November 2014 to December 2020.

Designation: Project Electrical Engineer.

- Responsible for the technical implementation and supervision of all electrical activities at site, monitoring of manufacturing & installations in accordance with the approved shop drawings & client requirements.
- Site supervision of all electrical works, to ensure strict adherence to the approved technical specifications.
- Check the quality of the material at site and in workshop and get all the unapproved/rejected material remove from the site.
- Ensure that work procedures and method statements for all work activities are prepared & followed during work execution.
- Liaise with the concerned site supervisor to ensure that all technicians, materials & equipment are available at site.
- Preparation of the weekly & monthly project progress reports.
- Proper coordination with project design and contract teams and making sure if any change comes in design or contract.
- Directly responsible for the safety of all electrical groups personnel of the project by ensuring that the project execution will be done according to all applicable health, safety, sanitary and environmental standards
- Operation and Maintenance of All MEP Equipment's including MBDs, SMDBs, FDBs, ATS panels, Central Battery system, Lighting & Emergency signage's, Earthing & lighting protection,
- Reviewing, Ordering and checking the required material as per project Specifications & Contract, allocating resources as per the schedule.
- Preparing weekly report and submitting to the project manager and highlighting the problems affecting the Operation.
- Monitor site Operation and procurement of material for balance works as per list.
- Coordinating with Suppliers for the monitoring of testing and Maintenance of all MEP equipment's.
- Handle the tasks of reviewing and checking construction documents.
- Installation and Maintenance and to provide all equipment's services, Daily, Weekly, Monthly, Yearly and as per working hours.
- Electric control panels and equipment installation and troubleshooting.
- Designing of power cables of different sizes, laying, glanding and termination.
- Preventive maintenance and trouble shooting

Organization: M/s Hydro Engineering, Pakistan

Duration: November 2011 to October 2014.

Designation: Electrical Engineer.

- Responsible for the technical implementation and supervision of all electrical activities at site, monitoring of execution & installations in accordance with the Project Specifications.
- Responsible for the execution & installations of all Electrical Services at site.
- Responsible to the Construction and Project Manager for his section of works being done as per safety and quality standards.
- Ensure that work Procedures and Method Statements for all work activities are prepared, approved & followed during work execution.
- Responsible to conduct daily inspections based on engineering quality standards and as per project specifications, approved shop drawings & inspection and test plan procedures.
- To Carry out Execution, Inspection, Testing & Commissioning (Internal & External) of Cable Containment System, LV Cables/Wires Laying, Installation & Termination, Lighting (Normal & Emergency) with Lighting Control System, Small Power System, LV Switchgear (Low Voltage Switchgears, DBs, SMDBs, MCC Panels, Capacitor Banks, ATS & Control Panels), Lifts and Elevators, IT Network (Data & Telecom System, Security (CCTV) System, Access Control System, Public Address System, Addressable Fire Alarm System, FM-200 System, BMS System and Earthing and Lightning Protection System.
- Supervision and Monitoring utilities and support services. Carrying out daily inspection and operation.
- Planning preventive maintenance, Condition based maintenance and corrective maintenance.
- Regularly conduct and documented daily, weekly and monthly maintenance procedures and records.

- Installation of new Electrical, Mechanical systems, units, panels, instruments, equipment's and review approved shop drawings ensuring that all Installation done is as per drawing specifications and authority standard regulations.
- Controlling instruments and equipment's calibration sheets as per standards.
- Fixing Electro-Mechanical troubleshooting, fault detection and repairing malfunction equipment's Power Distribution Systems, Transformers, UPS, Diesel Generators and MV, LV, ELV systems and others supportive units.
- Preparing work failed or found report NCR and subsequently take a necessary action. Attending daily meetings to discuss with manager.
- Purchasing and identification required resources and materials under the company budget. Making quotation request from supplier. Preparing MR, LPO, payment certificates, petty cash, and estimation and updating materials stock.
- Responsible for the administration, Documentation, reports and facility maintenance budget including cost estimating, forecasting and control.
- Take part and random audits and full fill checklists.
- Providing training to technicians including supervisor of work instructions ,issuing daily work order delegating specific task to each technician, operator and supervisor, production process, Plant operating and shut down, using of electrical and mechanical systems, instruments and equipment's.
- Assist manager with technical aspects of client presentations and requirements. Coordinate regularly with subcontractors, consultant, government authorities technical and project management teams to discuss all related work
- Monitoring and maintaining health and safety requirements and procedures on work sites.

Personal Details:

- Date of Birth: 27 May 1989
- Nationality: Pakistani
- KSA ID: 2546879186
- Passport: XA4121952
- Marital Status: Married

Education:

- Bachelor of Electrical Engineering-2011
University of Azad Jammu & Kashmir
Mirpur A.K, Pakistan.

Languages:

- Speaking, Reading and Writing English and Urdu

Certifications:

- License SCE-KSA
- License MMUP/UPDA-Qatar
- License PEC-Pakistan

Skills:

- MS Word, MS Excel, MS Power Point, MS Outlook and a sound knowledge of Internet and Computer Software and Hardware.
- Possessing sound practical experience in Electrical AutoCAD.
- Good communication and Interpersonal Skills, Targeted Orientated, working as a Team Leader, Problem Solving commitment, Team Building.
- Strong supervisory, time management, decision making and coordination skills.
- Planning and organizational skills.