

Syed Sohrab Khan

Electrical QA/QC Engineer

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SUMMARY

I'm ISO 9001:2015 QMS lead auditor certified, competent professional Electrical QA/QC engineer with 8+ years of extensive experience working at EPC Contractors on millions-class buildings, landscape and infrastructure projects with strong expertise in strategic planning, managing, assuring and controlling quality including conducting QA/QC inspections/T&C, root cause analysis, corrective actions implementation, quality documents preparation, submittals review, site surveillance, Take Over Documentation (TOD) and leading a team of electrical inspectors. An impressive communicator, strategic, dynamic & committed team leader with pro activeness, and outstanding technical, interpersonal & communication Skills.

PROFESSIONAL EXPERTISE

- Electrical Engineering
- Quality Assurance
- Quality Control
- Quality Process Flowcharts
- Method Statements Preparation
- Inspection & Test Plans Preparation
- ISO 9001: 2015 QMS Lead Auditor
- Document Review
- Quality Reports
- Non-Conformance
- Corrective Action
- Root Cause Analysis
- Process Development
- Process optimization
- Process Improvement
- Project Quality Plan
- Internal Quality Audit
- Quality policy
- Key Performance indicator
- Testing & Commissioning

PROFESSIONAL EXPERIENCE

Saudi SALCO Contracting Company

Electrical QA/QC Engineer

2022 – Present

Projects: Al Qiddiya 18 Holes Public Golf Course Construction Project
Irrigation Pumping Station construction Project
Al Qiddiya Public Golf Course Agronomy Center Construction Project
Al Qiddiya Public Golf Course 277 High Mast Hydraulic Flood Light Poles Installation Project

Consultant: JASARA (PMC) & JACOBS JV

Duties & Responsibilities

- Responsible for successful implementation of Project Quality Plan.
- Successfully supervised a team of electrical inspectors.
- Lead scope of QA/QC for electrical, instrumentation and telecom works, ensuring 100 % compliance with SEC, STC, IEC, NEC standards and project technical specifications.
- Report daily to the QA/QC Manager, raising issues early and driving prompt, effective resolutions.

- Preparing method statements, ITPs and plan/lead FATs, SATs and pre-inspections for LV/MV/ELV networks, SEC 13.8 kV outdoor substations, MV/LV cabling, MDBs/MCCs/DBs, high-mast lighting system, feeder pillars, LCPs, FACP, diesel-generator synchronization, and related systems.
- Participated in Factory Acceptance Tests for Category-3 equipment, confirmed compliance with SEC standards, and verify material integrity prior to MIR submission.
- Prepare, update, and control method statements, ITPs, and inspection logs, ensuring real-time status visibility for all quality submissions.
- Delivered quality-awareness briefings/trainings to construction crews before starting any site activity.
- Review shop drawings, technical submittals, coordinating with technical team to ensure accuracy before consultant submission.
- Monitor installation activities on site, verifying adherence to approved shop drawings, project technical specifications, approved method statements and provide proactive surveillance to prevent discrepancies and re-works.
- Issued Pro-active notifications, CNCRs to Construction team, and follow-up to close non-conformities as per the ACD.
- Calculating monthly KPI, preparing monthly quality reports & attending internal quality audits with 3rd party auditor.
- Develop and prepared quality process flowcharts (WIR, MIR, SOR, SQWR, NCR, CNCR).
- Prepared testing and commissioning plan, reviewed and verify testing and commissioning method statements and related checklists, witnessed and validate testing and commissioning activities.
- Attending weekly quality meetings and arranged workshops with PMT regarding site quality issues.
- Working on project takeover plan with management before submission to project management team.
- Preparation and submission of comprehensive Turn Over Documentation (TOD) packages, ensuring accuracy, compliance, and handover through well-organized as-built drawings, test reports, O&M manuals, and certification records.
- Interfaced with subcontractors, third-party inspectors, PMT, concerned managers and chaired weekly quality workshops and drove snag-list closure for defect-free handover.
- Actively lead the team of QC inspectors involved in the closing of snag list items issued by project management team for the successful handover of the project.
- Streamlined the project close-out process by meticulously managing QA/QC documentation, snag-list clearance, final approvals, contributing to successful and timely project delivery.

Jawar Al-Jazira Contracting Company (JJCO)

MEP QA/QC Engineer

2020 – 2022

Projects: European Standard French Fries Factory Construction Project For Jouv Agriculture Development Company (JADCO)
French Fries Factory Employs Single & Family Vilas Construction Project in JADCO

Consultant: COSMOS Engineering Consultant

Duties & Responsibilities

- Successful implementation and controlling of Project Quality Plan and procedures.
- Prepared Inspection Request, Method of Statement, ITP and Continuously updated and reviewed all quality logs.

- Prepared inspection Request, Material Inspections Request, Method of Statement submittals, ITPs, all Site Observation Reports (SOR) and monitoring their status.
- Monitoring of electrical, mechanical and plumbing systems installation on daily basis to ensure that project specifications, referred standard and approved drawings are implemented.
- Maintained inspection Request, Method Statement submittals, ITPs and Continuously updated and reviewed all quality Logs.
- On a daily basis, co-operating with Site Engineers and supervisors regarding for pre-inspections to avoid any rejection.
- Make sure that all Inspection Request (IR) are submitted to consultant along with sufficient attachment such as latest approved shop drawings, test reports, Calibration certificates, ITP previous copies of Inspection Request copies (if required) and As-Built drawings.
- Review the drawings to ensure the lasted design drawings are followed.
- If any major quality issue, reporting to the QA/QC Manager for finding solution.
- Trained the project Team and keeping the training records on Quality issues.
- Proactive surveillance to avoid discrepancy and non-conformance rectification cost and time.
- Root Cause analysis, recommending Containment Actions and train project team as necessary.
- Control all achieves documentation upon the completion of the project. Reviewed technical submittals for installation drawings, design calculations, material specifications and datasheets, testing and commissioning procedures, and operation & maintenance manuals.
- Successfully managed interface meetings with different stakeholders.
- Organized closely with Construction delivery team for turnover of systems and Documentation.

First Fix KSA

Electrical QC Inspector

2018 – 2020

Projects: VIA Riyadh (5 Star Hotel with Main Kitchen and 1 Shopping Mall Construction Project)

Client: Sela

Main Con: MBL

Consultant: DAR Engineering Consultants

Duties & Responsibilities

- Issuing on a regular basis, proactive notifications to the construction team in order to maintain the quality of the work.
- To prepare RFI to the client inspection for completed activities, perform the inspection and follow up with the client for its approval.
- Reporting QA/QC supervisor and highlighting the site issues to resolve them.
- Responsible for the identification, investigation and issuance of Non-Conformance Report (NCR) to construction team to determine the root causes of non-conforming items.
- Prepared Inspection and Test plans for all the Electrical systems as per the scope of work.
- Closely follow-up with construction team to perform the corrective action immediately to clear log book entries and NCR's in order to avoid escalation.
- Performed inspections of materials/equipment received on site as per the approved submittals.

Conduct site inspection/surveillance for all on-going construction activities on regular basis to make sure that all installation is as per approved shop drawings, project specification and is conforming to the required standards, NEC and the relevant standards.

- Responsible for closing of punch list items issued by consultant for the successful handover of the project.
- Performed installation inspection for Underground cable systems- (Direct buried, PVC Conduit, RGS/PVC, Concrete Encased Duct Bank) and above ground systems.
- Performed installation inspection of cable tray, cable ladder and cable trunking systems.
- Testing & Commissioning fire alarm system.
- Installation of junction boxes, panels and cabinets.
- Inspection for installation of various types of junction boxes, cable terminations etc. with reference to drawings and specs.
- Responsible to inspect complete Wiring with tags, Megger, Continuity and Loop checking.
- Performed installation inspection of LV cables, their routing, identification and termination.
- Performed installation inspection of SMDB's, DB's, LCP, MCC, and Disconnect switches etc.
- Performed the installation inspection of Indoor and Outdoor lighting system.
- Performed the installation inspection of small power system.
- Witness all on-going cable testing (e.g. Insulation Resistance test, Continuity test and hi-potential test) prior to energization and earth resistance test of grounding system.
- Performed/witnessed the installation and testing of complete grounding and lighting protection system.

Hi Arrows (Al Sahim Al Ali) Contracting Co.

Electrical Site Engineer

2017 – 2018

Project: Riyadh Laysen Valley (Cable trays works, 3700 Tube Lights installation in underground Parking, Façade Lightings on buildings, Security rooms all electrical works, project all main electrical rooms small power systems installation)

Consultant: Shaheen Engineering Consultants

Duties & Responsibilities

- Managing & executing the work at site as per the approved drawings, specifications & Electrical standards.
- Planning for different activities of work and strictly follow the work executed within the allocated time limit.
- Manage electrical team and site activities.
- Prepared and provided site daily progress reports to the construction manager and senior site engineer.
- Coordinating with the senior engineer of the site and the consultant to ensure execution of site work.
- Supervised Installation of parking tube lighting system and buildings facade lighting systems.
- Supervised installation of 1st, 2nd and 3rd fix for all electrical systems in scope.
- Supervised Installation of above & below grade Conduits, Cable Trays, Cable ladders and Trunking.
- Supervised the installation of various types of cables, their dressing & termination.
- Supervised installation of small power system, Grounding system.

- Successfully executed all electrical works within completion schedule.

PROFESSIONAL QUALIFICATION

University of Engineering and Technology, Pakistan
Bachelor of Science, Electrical Engineering

2017

CERTIFICATIONS

Lead Auditor QMS ISO 9001:2015	CQI – IRCA – UK	#IQCA-1087
Six Sigma: Green Belt	PMI	#4101AJTRSU
AUTOCAD ELE:2D	(TTB) (BTE) – HI – PK	#19567, HIIT/372/11-21
Electrical Systems: Panel Boards, Frequency Drives & Transformers	PMI	#VNOVR7
Certified Quality Engineer ASQ		In progress.....
Leading Projects	National Association of State Boards of Accountancy (NASBA)	#140940