Curriculum Vitae

ENGR. ASAD ULLAH

Current Location: Riyadh, Saudi Arabia
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Nationality: Pakistani

Proportional Summary

Electrical Quality Control (QC) Engineer with over 5 years of experience in landscape and infrastructure construction projects. Skilled in ensuring the quality and compliance of electrical systems for outdoor and landscape installations, including lighting, irrigation, and site power systems. Adept at conducting inspections, testing, and troubleshooting to meet industry standards and safety regulations. Proficient in reading technical drawings and collaborating with project teams to maintain high-quality standards. Strong attention to detail, problem-solving abilities, and a commitment to delivering efficient, reliable electrical solutions within construction environments.

Work Experience

(1) TENURE: September 2024 – Continue

Project:	Wadi Safar Parks & Trails
PMC	Ellis Don
CSC	DAR International for Engineering Consultancy
Client	Diriyah Company
Position	Electrical QC
Organization	Saudi SALCO Contracting Company

(2) TENURE: July 2023 – September 2024

Project	Temporary Water Supply Construction-Design & Build
PMC	PARSONS
Client	Qiddiya Investment Company (QIC)
Position	Electrical QC and Site Supervisor
Organization	Saudi SALCO Contracting Company

(3) TENURE: May 2022 – June 2023

Project	Qiddiya Public Golf Development
Delivery Partner	JASARA
Sub-Consultant	FLAGSTICK
Client	Qiddiya Investment Company (QIC)
Position	Electrical QC
Organization	Saudi SALCO Contracting Company

(4) TENURE: March 2020 – January 2022

Project	Operation and maintenance of generating units 81MW Malakand-3
Client	Pakhtunkhwa Energy Development Organization (PEDO)
Position	O&M Engineer
Organization	AFI NORINCO J.V.

Previous Projects Experience/Area of expertise:

- Supervision and quality control of installation and commissioning of **Motor Control Centers (MCC)**, **Main Distribution Boards (MDB)**, and **Automatic Transfer Switches (ATS)**
- Expertise in the installation and commissioning of **Synchronization Panels**, **Power Factor Correction (Capacitor Banking)**, and **Generators**, ensuring efficient power distribution and system stability
- Supervision of **Solar Power Systems** installation.
- Oversight of **Uninterruptible Power Supply (UPS)** systems, ensuring system reliability and power backup during outages
- Supervision and installation of **Ring Main Units (RMUs)**, **Transformers**, ensuring compliance with electrical safety standards and operational efficiency
- Oversight of **Street Lighting Poles** installation and commissioning, ensuring proper electrical connections and safety protocols
- Installation and integration of **CCTV Systems**, ensuring reliable surveillance and security solutions
- Supervision and quality control of **Fire Alarm Systems** and **Access Control Systems** ,ensuring compliance with fire safety standards and regulations
- Proficient in the supervision and installation of **Ultrasonic Level Sensors**, **Transmitters**, and **Flow Meters** for process monitoring and control
- Extensive experience with the installation and integration of **Remote Terminal Units (RTU)** and **Programmable Logic Controllers (PLC)** for automation and control systems
- Supervision of **integration of RTU and PLC systems with SCADA** for remote monitoring, control, and data analysis .
- In-depth knowledge of electrical safety standards, codes, and regulations, ensuring installations meet industry requirements and best practices

Duties and Responsibilities:

1. **Inspection and Testing:**
    - Conduct regular inspections of electrical systems, including lighting, irrigation, and power supply installations in landscape construction projects.
    - Perform testing of electrical equipment and components to ensure compliance with design specifications, safety standards, and regulatory requirements.
2. **Quality Control Compliance:**
    - Ensure all electrical installations meet the highest quality standards and adhere to local building codes and industry regulations.
    - Review and verify electrical designs, specifications, and construction plans for compliance before implementation.
3. **Troubleshooting and Problem Resolution:**
    - Identify and troubleshoot electrical issues or deficiencies in the project, providing solutions to resolve any concerns.
    - Coordinate with site teams to rectify faults promptly and prevent delays in project schedules.
4. **Documentation and Reporting:**
    - Maintain detailed records of inspections, tests, and corrective actions taken to ensure compliance with quality control standards.
    - Prepare and submit MIR for received materials, WIR for each activity performed on site, Method Statements for each scope of work and ITP for inspections.
    - Prepare and submit regular progress reports to management, highlighting any quality control issues or risks.
5. **Collaboration and Coordination:**
    - Work closely with project managers, site engineers, and other stakeholders to ensure seamless integration of electrical systems in the overall landscape design.
    - Provide guidance and support to on-site workers and contractors to ensure safe and efficient electrical practices.
6. **Safety and Risk Management:**
    - Enforce and monitor adherence to safety protocols and risk management practices related to electrical work on site.
    - Conduct safety audits and inspections to prevent electrical hazards and ensure a safe working environment.
7. **Review and Approve Subcontractor Work:**
    - Assess and approve electrical work performed by subcontractors to ensure that it meets project specifications and quality standards.
    - Provide feedback and recommendations for improvements where necessary.
8. **Project Support and Advice:**
    - Offer expert advice on electrical system integration for landscape construction, providing suggestions on enhancing system performance and durability.
    - Participate in project meetings to discuss electrical system progress, challenges, and potential improvements.

Education

Bachelor of Science (Electrical Engineering) **International Islamic University Islamabad (IIUI) Pakistan**	Grade: A
Intermediate Education in Pre-Engineering (HSSC) **Edwardes College Peshawar Pakhtunkhwa Pakistan**	Grade: A
Secondary School Certificate (SSC) **Malakand Public School and College Dargai** **Pakhtunkhwa Pakistan**	Grade: A

PROFESSIONAL CERTIFICATIONS AND MEMBERSHIP

- Registered Engineer(RE) with Pakistan Engineering Council (PEC, ELECT/101194)
- Quality Management (Certificate No. 16350249582)
- Cisco Certified Network Associate (CCNA 200-301)
- PCB Designing and Fabrications (NAVTEC)

PROFESSIONAL CERTIFICATIONS (CPD) FROM PAKISTAN ENGINEERING COUNCIL

- Six Sigma techniques in Total Quality Management (TQM)
- Procurement and Contract Management
- Construction Safety and Management
- Process Safety and Risk Management in Chemical Engineering
- Emotional Intelligence and Stress Management
- Overview Of FIDIC Conditions of Contract
- Artificial Intelligence : Implications for Technologies and Business Strategy
- Cellular Networks (2G to 5G Technology) : Future Applications
- Public Policy: Concepts, Issues & Challenges Engineer's Perspective
- Leadership Skills for Engineers
- Professional Ethics
- Digitalization of Electricity Grids Smart Metering and Energy Monitoring in Pakistan
- The Role of Pumped Storage Hydropower in Advancing Energy Transition in Pakistan
- Potential of Hydrogen as energy source for industry in Pakistan

Soft Skills

•	Auto-CAD	•	Sketchup
•	Aconex	•	Proteus
•	Microsoft Office		

Language Capability

•	English (Fluent)
•	Arabic (Fluent)
•	Urdu (Native Language)
•	Pashto (Mother Tongue)

- Valid KSA Driving License