

Curriculum Vitae



Engr. Ijaz Ur Rehman

(BE – Elect + M.Eng. Management)

Current Position : **Electrical Engineer.**
Current Address : **Riyadh - Saudi Arabia**
Mobile No : **00966509094927**
Availability : **Immediate * Iqama Transferrable**
E-Mail : **ijaztkl@yahoo.com**

Personal Profile

Nationality : Pakistan
Date of Birth : Oct 1992
Marital Status : Married
Driving License : Valid (PAK + KSA) Driving License
Languages Known : English, Arabic, Urdu & Pashtu – All Fluent
Membership : Saudi Council of Engineering (SCE)^{Reg# 979187}
Pakistan Engineering Council (PEC)^{Reg# Elect/52069}

Professional Summary

Dynamic and results-oriented Electrical Engineer with over **9 years of Proven Experience** in managing and executing large-scale construction projects across Saudi Arabia. Specialized in Design Review, Construction Supervision & Execution of Power Generators, Sub-stations, Power Distribution, SLDs, load schedules, LV, ELV, Street Lighting, Earthing and Lightning Systems. Skilled in Estimation, Construction Planning and Resource Management including the preparation & allocation of Manpower, Materials & Equipment. Possesses strong expertise in delivering High-Quality Electrical works for High-Rise Buildings, Universities, Residential compounds, Hotels, Commercial developments and Road/Landscape Projects in full compliance with International standards and Saudi Building Codes. Adept in Project Execution, Team Leadership and Stakeholder Communication with a strong focus on Technical Excellence, On-time delivery, Cost efficiency and effective Cross-discipline coordination to ensure successful project outcomes.

Professional Experience – (9+ Years)

- ❖ **Organization:** **Alodood Contracting Company (ACC) – KSA.**
Designation: **Electrical Engineer.**
Duration: Since 13/02/2025 – Till Date.
Projects: **Development of Prince Abdulaziz bin Musa'ed bin Jalawi Road (Al-Dhabab), Riyadh – KSA.**
Construction of QC Building of Royal Saudi Air Defense Forces, Riyadh – KSA.
NHC Al Mashreqia Project (52 Villas), Riyadh – KSA.
Shaqra University – Construction of Student Hostel Building.
Yadak Auto Motors Car Showroom Project, Al-Qadisiyah District, Riyadh – KSA.

Responsibilities:

- Provide technical control of all electrical works and ensure proper coordination with other disciplines.
- Review and analyze electrical designs, load calculations, shop drawings and technical submittals to ensure compliance with project specifications, standards and codes.
- Develop and validate load schedules, single-line diagrams (SLDs), cable sizing, voltage drop and short-circuit/coordination studies.
- Supervise and execute the installation of electrical systems including power distribution, substations, LV, MV, street lighting, earthing, and lightning protection systems.
- Supervise and execute the installation of BMS, Fire Alarm, Data/Telephone, CCTV Security, Master Clock, Public Address (PA) and Access Control Systems.

- Stay updated with IEC, NEC, NFPA and Saudi Building Code requirements (SBC 401 – CR).
- Checking drawings for accuracy and completeness, including dimensions, labels, and symbols. Identifying and correcting errors or discrepancies in drawings to maintain quality standards.
- Review tender documents, drawings, specifications, BOQs, and identify missing or inconsistent items.
- Prepare cost analyses, coordinate with suppliers and subcontractors for quotations and material procurement.
- Prepare and price BOQs for tendering, including sourcing supplier quotations.
- Monitor project progress, including material deliveries and activity durations, and report any potential risks or delays.
- Verify accuracy and completeness of drawings and ensure quality documentation.
- Oversee and evaluate subcontractor submissions, ensuring compliance with contract and technical requirements.
- Oversee site execution and Inspections as per WIR, MIR, RFI, FAT, SAT and ensuring all works comply with design criteria, Method statement, ITP, and relevant standards.
- Manage and coordinate the review, preparation, and distribution of as-built drawings.
- Provide on-site technical support, resolving design or execution-related issues in real time.
- Perform technical evaluation and inspection of materials and equipment prior to approval and installation.
- Identify and report scope changes to project management and participate in progress and coordination meetings.

❖ **Organization: KG – TECH Arabia Contracting and Technical Services – KSA.**

Designation: Electrical Site Engineer.

Duration: Since 01/05/2020 - 12/02/2025.

Project: Riyadh Metro Project (RMP), Line 1 & Line 2 – KSA

Responsibilities:

- Conduct site inspections as required, as per Inspection Schedule WIR, MIRs, IRF and IRN issued by Contractor.
- Ensures that all the work complies with the Design criteria, IFC, Shop Drawings, ITP and Standards.
- Mark-up Electrical construction modifications on the drawings, assisting in Contractor preparation of as-built drawings.
- Performing punch-listing operations Site Observation & Potential NCR when the specifications are not met/violating the compliance of the requirements with Project Technical requirements.
- Monitor the progress of construction activities and take necessary actions to meet project milestones and deadlines.
- Preparation of daily & weekly progress report.
- Estimates, Prepares & assigns the resources such as Manpower, Materials, Equipment, Tools etc. required for all Electrical and related works Prior to Execution.
- Strong understanding of electrical codes (e.g. NEC) and safety regulations.
- Panel Installations/Termination such as DCP/DDC, MCC, Network Switches and UC Panels according to wiring diagrams and as per the specified standards.
- Coordinate the installations of Panels/Field Devices with Civil, Fire Alarm, MEP and other sub-contractors to avoid conflicts and ensure seamless execution.
- Cable Pulling & Termination of Control cables/CAT.6/MSTP to MDBs, EMDBs, MCCs, VFDs, FCUs, AHUs, CHWP, DWP, FFP and Submersible Pump Panels etc.
- Installation/Termination of Field devices such as Temperature, H2, CO2, Humidity, Pressure sensors etc.
- Installation/Termination of Field devices in MEP Equipments such as AHUs, CHWP, DWP, and FFP etc.
- Making sure that all Network Switches are looped by CAT.6 or Fiber Optics cable.
- Perform Continuity Test, Insulation Resistance Test and Visual Inspections.
- Verify setting out / layouts of 1st Fix, 2nd Fix and 3rd Fix of all BMS Electrical elements.
- Provide directions to the site construction team on plans, procedures and priorities so efforts of Construction.
- Ensures that all Site works are done according to all applicable Quality Standards.
- Performing other related duties, As When & Where Required.

❖ **Organization: Sulaiman Bin Saleh AL-Mohileb and His Sons Holding Company MHC – KSA.**

Designation: Electrical Engineer (Generators + Batching Plants)

Duration: Since 04/02/2017 To 30/04/2020.

Responsibilities:

- To take care of all the company Power Generators, Batching Plants Electrical Related Areas.
- Repairing, Maintenance, Procurement & Mobilization Handlings from All Aspects.
- Deploying the Right Capacity Power Generator at a right place keeping in view the load requirement.
- Organizing & equalizing the Power Generators load distribution on all the phases.
- Testing and Commissioning of Power Generators rated (30KVA, 70KVA, 400KVA & Up to 1600KVA).
- Monitoring & ensuring that the Generators & Batching Plants are operated by the Authorized & Trained Operators.
- Preparation of Comprehensive List of Fast-Moving Parts and ensure its presence in the stock all the time.
- Preparation of “Daily Work Status Report” for all Generators and Plants showing breakdown, standby, mobilization with action status and submitting it to the PMV Director.
- Preparation of Daily & Monthly Preventive Maintenance Report.
- Preparation of Failure Analysis Report for major components containing problem definition, location, occurrence & remedial propositions as & when required.
- Coordination & Follow up with the Central Workshop Repairs Section to effectively rectify the reported faults.
- Educating the subordinating staff & workforce in a rationalized way to cope up with the work best practices.
- Coordinating with the Operation & Transport Department to initiate the equipment mobility.
- Attending all Sites Generators & Plants Power related queries & responding back effectively.

❖ **Organization: Kohat Cement Company Limited (KCCL) – Pakistan.**

Designation: **Internee Electrical Engineer**

Duration: 01/07/2014 To 31/08/2014.

Key Learnings:

- Familiarized myself with the routine procedures and processes of KCCL.
- Familiarized myself with operations carried out during the maintenance of Electrical equipment.
- Learned about different Technical Drawings and Specifications of Electrical Systems, Auxiliary power supply unit, Transformers, PLC System, MV/LV (Switchgear, Circuit Breakers & Motors), UPS and DC Systems.
- Familiarized myself with 132KV Grid Station and understanding of Grid Station control room.
- Complete Component & Functional Testing of 4.16kV & 480V Switchgear.
- Stability Test of Transformer, Generator, Motors & Cables.
- Healthiness check of Protection Relays & critical loops.

Professional Qualifications:

Sept - 2020	CECOS UNIVERSITY OF IT & EMERGING SCIENCES, KPK PESHAWAR – PAKISTAN MS Engineering Management
Nov – 2015	ABASYN UNIVERSITY, KPK PESHAWAR – PAKISTAN B.E Electrical Engineering
Aug – 2017	Safety officer responsibilities – MHC KSA
May – 2016	IOSH – Managing Safely
June – 2016	OSHA – Managing Safely

Computer Proficiency

- MS Office (Word, Excel, Power Point)
- AutoCAD, Revit, MATLAB, Proteus, Adobe Photoshop etc.

Given A Chance, Will Prove Myself More Than Just A Worth.