

# Ahsan Raza Ashfaq

(Electrical Engineer)

Email: ahsanxh92@gmail.com

Contact #: +966578879847

Visa Status: Transferable Iqama

Address: Riyadh, Saudi Arabia (KSA)



## PROFILE SUMMARY

Motivated Electrical Engineer with 4 years of experience in MEP Construction projects, skilled in site execution, QC inspections, and ELV systems. Strong understanding of electrical standards, safety compliance, and project documentation. Proficient in coordinating with teams and ensuring timely delivery of quality work within project specifications and timelines.

## PROFFESIONAL WORK EXPERIENCE

**Electrical Engineer**

**First Fix Company, (Riyadh KSA)**

07/2023 – Present



**Key Project:**

❖ **King Salman Park | Consultant: WSP | Client: KSP |**

- Experience in installation of Transformers, Switchgears, LV panels, DBs, SMDBs, MCCs, lighting, earthing, Genset, and conduits
- Installation of Fire Alarm, Emergency Lighting, CCTV, Access Control, and ELV systems
- Review and Implement Single Line Diagrams (SLDs), load schedules, and shop drawings
- Supervised installation, testing, and commissioning of electrical and low voltage systems
- Coordinated with suppliers for material submittals and approvals
- Supervised cable pulling, glanding, and termination for LV and ELV systems
- Attended site inspections with consultants and local authorities
- Coordinated with mechanical and civil teams for service openings and MEP clearances
- Assisted in preparation of BOQ, quantity take-offs, and material submittals
- Maintained documentation of inspections, approvals, submittals, and test reports for project handover
- Followed up with suppliers/subcontractors for timely delivery and installation
- Coordinated manpower, tools, and materials for smooth execution of site works
- Prepared and submitted RFIs, MIRs, WIRs, ATPs, and other site-related documents
- Performed basic electrical tests: continuity, megger, Hi-pot tests, insulation resistance, polarity checks
- Monitored daily site progress and ensured safety and compliance with standards
- Coordinated with subcontractors and managed labor and materials on site
- Attended technical meetings and coordinated with consultants and main contractors
- Conducted quality checks during and after installation of electrical systems
- Submitted and followed up on Work Inspection Requests (WIR) and Authorized to Proceed (ATP's)
- Ensured compliance with project specifications, drawings, and standards
- Supported testing and commissioning activities, ensuring proper documentation
- Assisted in closing Non-Conformance Reports (NCRs) by following corrective actions
- Prepared checklists and ensured inspections were completed as per ITPs
- Verified materials and equipment as per approved submittals and standards
- Followed HSE procedures at site, ensured proper use of PPE, and participated in safety toolbox talks and daily safety briefings

- Gained hands-on experience in plant operations, monitoring, and maintenance of electrical systems
- Assisted in troubleshooting issues related to process flow, pressure, and temperature imbalances
- Worked with senior engineers to optimize production efficiency and reduce downtime
- Participated in root cause analysis of equipment failures and suggested preventive measures
- Operated and observed critical plant equipment including pumps, compressors, and heat exchangers
- Collaborated in conducting safety audits and hazard identification
- Ensured compliance with environmental and industrial safety standards (ISO, OSHA)
- Performed regular equipment checks, calibrations, and routine inspections
- Developed familiarity with SCADA, PLC interfaces, and process control systems
- Logged daily operating parameters and contributed to shift reports and performance summaries
- Supported preventive maintenance scheduling and spare parts management
- Attended toolbox talks, safety training, and technical briefings regularly
- Coordinated with the maintenance team during shutdowns and emergency responses
- Learned documentation control, work permit systems, and maintenance record-keeping
- Improved communication skills through coordination with operators, technicians, and supervisors
- Demonstrated reliability, quick learning ability, and willingness to take on new challenges
- Actively participated in team meetings and suggested minor process enhancements

## SKILLS

- **International Standards** – Followed (IEC, NEC, NFPA 70E) during execution and testing
- **Power Distribution Systems** – Experience in electrical testing and commissioning of power systems.
- **Microsoft Office** – Proficient in Word, Excel, and PowerPoint.
- **Problem-Solving** – Strong skills in analyzing and fixing electrical system issues.
- **Communication** – Good written and verbal communication with clients, team members.
- **Teamwork** – Able to work well with engineers, contractors, and project managers.
- **Electrical Installation Supervision** – Supervised installation of panels, cables (MV/LV), small power, lighting, and emergency systems.
- **Troubleshooting** – Skilled in finding and fixing faults during installation and commissioning.
- **Documentation** – Maintained test records, certificates, and ensured code compliance.

## EDUCATION & CERTIFICATION

- ❖ **The University of Faisalabad**  
Bachelor of engineering Technology (Electrical)  
(2018 – 2022)
- ❖ **Government Staff Training College**  
Diploma of associate Engineer (Electrical) 2017
- ❖ **A.W Grammar High School**  
Matriculation 2014

## LANGUAGES

- **English** – Fluent
- **Urdu/Hindi** – Fluent
- **Arabic** – Conversational