

MOHAMMED AFFAN UDDIN

Jeddah, Saudi Arabia

Iqama: **Transferable** || Driving License: **Valid**

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PROFESSIONAL SUMMARY

Results-driven QA/QC Electrical & Instrumentation Engineer with 5+ years of experience in large-scale industrial and infrastructure projects across Saudi Arabia. Specialized in MV/LV systems, switchgear, transformers, cable installation, testing, and commissioning.

Strong expertise in QA/QC documentation (ITP, RFI, MIR, WIR, NCR) and compliance with SAES & IEC standards. Proven ability to reduce rework, ensure quality compliance, and support successful project delivery through effective coordination with clients, consultants, and contractors.

Project Management Skills:

- ✧ Planned & scheduled inspections/tests
- ✧ Coordinated with teams, vendors & clients
- ✧ Monitored QC checkpoints & compliance
- ✧ Maintained QA/QC records & reports
- ✧ Managed ITPs, RFIs & schedules
- ✧ Liaised with clients & contractors

Technical Skills:

- ✧ Aconex/Asite
- ✧ AutoCAD
- ✧ MS-Office (Excel, Power Point, Word, Outlook)
- ✧ Electrical & Control Systems.
- ✧ QA/QC Documentation.
- ✧ Quality Management.
- ✧ Project Management.
- ✧ Risk Management.



EDUCATION

Bachelors' degree in (Electrical & Instrumentation Engineering)

Osmania University - Hyderabad, India

Diploma in (QA/QC Electrical & Instrumentation)

TWG International - Hyderabad, India

WORK EXPERIENCE

Global Horizon & Co, KSA [Jeddah] (Sep 2025 - Present)

- **Job Role** : Electrical QC Engineer
- **Industry** : Construction
- **Client** : Lucid Motors
- **Consultant** : Hills International
- **Project** : Lucid Advanced Manufacturing Plant (KAEC)
- **Project Scope** : Providing MEP Services Phase I, Phase II

The project encompassed the construction of a large-scale manufacturing plant in King Abdullah Economic City for Lucid, managed by Hills International. It required comprehensive planning to execute the advanced manufacturing facility, including all infrastructure, MEP works (both internal and external) for phases 1 and 2, the use of premium materials, and adherence to stringent quality standards. The objective was to deliver a world-class manufacturing plant for Lucid vehicles, integrating modern aesthetics with superior functionality and operational excellence.

2) Al Majal Company, KSA [Jeddah] (July 2024 – Aug 2025)

- **Job Role** : Electrical QC Engineer
- **Industry** : Construction
- **Client** : Saudi Electricity Company [SEC]
- **Consultant** : Al Fanar Company
- **Project** : Substation, [KAEC-2 & KAEC-3]
- **Project Scope** : Installation of Fire Alarm System

The project involved the Installation of fire alarm system including control panels, detectors, call points, and cabling. Integrated the fire alarm system within the substation infrastructure and Commissioned, tested, and performed troubleshooting to ensure full operational functionality.

3) Ghost Protocol Company, KSA [Dammam] (July 2021 - May 2024)

- **Job Role** : Electrical QC Inspector
- **Industry** : Construction
- **Client** : Saudi Water Authority [SWA]
- **Consultant** : Vision Consultancy
- **Project** : SWA Desalination Plant
- **Project Scope** : Providing MEP Services

The company was responsible for the complete Mechanical, Electrical, and Plumbing (MEP) installation within the SWA Desalination Plant. This included the installation of equipment, piping systems, electrical cabling, and supporting infrastructure as per project specifications. All MEP systems were integrated to ensure smooth and efficient plant operation, with functional testing to verify proper performance and reliability.

JOB ROLES & RESPONSIBILITIES

- ✧ Performed quality inspections for electrical and instrumentation works in accordance with SAES, IEC, and project specifications.
- ✧ Inspected MV/LV & LC duct installation, cable pulling, glanding, termination, grounding, lighting systems, panels, and switchgear installations.
- ✧ Prepared and submitted quality documents including ITPs, WIRs, MIRs, NCRs, and inspection/test reports
- ✧ Witnessed and verified electrical testing such as insulation resistance (IR), continuity, and earth resistance tests.
- ✧ Ensured all works were executed in compliance with approved IFC drawings and project standards.
- ✧ Monitored site activities to ensure quality workmanship and adherence to applicable codes and specifications.
- ✧ Identified non-conformities (NCRs), initiated corrective and preventive actions, and ensured timely closure.
- ✧ Coordinated with site teams and subcontractors to resolve quality-related issues effectively.
- ✧ Participated in client and consultant inspections, including snag identification and clearance activities.
- ✧ Maintained QA/QC documentation, inspection logs, and quality records for traceability and audits.
- ✧ Supported testing and commissioning activities and verified results against project specifications.
- ✧ Ensured compliance with HSE (Health, Safety, and Environment) requirements during all quality-related activities.

PERSONAL ATTRIBUTES

- **Marital Status** : Unmarried
- **Nationality** : Indian
- **Religion** : Islam
- **Profession** : QA/QC Engineer
- **Present Address** : Jeddah, KSA
- **Iqama** : Transferable