Muhammad Dawood

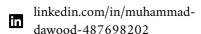
ELV/Low Current Engineer

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Riyadh, KSA

Iqama: "Transferable"





Profile

Electrical Engineer with five years of experience specializing in ELV and ICT systems. Proven expertise in installation, testing and commissioning of a wide range of systems, including CCTV, Fire Alarm, Access Control, Data Networks, Public Address System, and Structured Cabling. Dedicated to applying technical knowledge and a collaborative mindset to drive project success, ensure quality outcomes, and exceed client expectations.

Education

B.Sc Electrical Engineering

University of Engineering & Technology, Peshawar, Pakistan

Projects

03/2024 - 02/2025 AL-Akaria Residential Compound

Riyadh, KSA

Client: AL-Akaria

Consultant: AMO & Partners Engineering

Position: Low Current Engineer

Scope: Installation, Testing, Commissioning & Maintenance of ELV Systems, Structured

Cabling

03/2023 - 01/2024 Jaquar Land Rover Academic Testing Workshop

Dubai, UAE

Client: Dubai Silicon Oasis Authority

Consultant : Adnan Saffarini Position: ELV Engineer

Scope: Inspection, Installation, Testing & Commissioning of ELV Systems, Structured

Cabling

03/2021 - 02/2023 API Barsha Residential Tower

Dubai, UAE

Client: AL Ali Property Investment

Consultant: Kling Consultant International

Position: ELV Engineer

Scope: Inspection, Installation, Testing & Commissioning of ELV Systems, Structured

Cabling

05/2020 - 01/2021 Punjab Local Government Academy

Lahore, Pakistan

Client: Asian Development Bank

Consultant: NESPAK

Position: ELV & ICT Engineer

Scope: Supply, Installation, Testing & Commissioning of ELV & ICT Systems, Structured

Cabling

02/2020 - 04/2020

Sialkot Public Parks

Sialkot, Pakistan

Client: Punjab Intermediate Cities Improvement Investment Program (PICIIP)

Consultant : NESPAK
Position: ELV & ICT Engineer

Scope: Supply, Installation, Testing & Commissioning of CCTV, Structured Cabling

Professional Experience

03/2024 – 02/2025 Riyadh, KSA

Low Current Engineer

Tamear Saudi Real Estate Construction Company

Responsibilities:

- Reviewed project drawings, schematics, and technical documentation to ensure installation is in accordance with design.
- Installed ELV systems including CCTV of Hikvision, Access Control of ZKTeco, Telephone of Panasonic and Fire Alarm System of Honey Well according to project specifications.
- Ensured all work complies with safety regulations and industry standards.
- Performed testing, troubleshooting, and commissioning of ELV systems ensuring full system functionality.
- Conducted routine preventive maintenance of ELV systems and cabling infrastructure.

03/2021 - 01/2024 Dubai, UAE

ELV Engineer

MBM Gulf Electromechanical LLC

Responsibilities:

- Collaborated with project manager and other engineering disciplines to understand project scopes and objectives.
- Designed and validated ELV systems using AutoCAD; prepared reports with MS Office Suite.
- Prepared and implemented Installation Inspection and Test Plans (ITPs) for ELV systems to ensure compliance with project specifications.
- Collaborated with teams to ensure quality throughout construction phases.
- Developed project timelines, monitored progress, and ensured smooth integration of ELV systems with other building systems.
- Ensured compliance with applicable safety regulations and international industry standards, including FCC, CE, RoHS, NFPA, BS, EN, IEC, and ISO.
- Installed various ELV systems, including:
 - Closed Circuit Television (CCTV) Pelco & Samsung
 - Fire Alarm Systems Gent by Honey Well & Hochiki
 - Access Control Systems Salto & ZKTeco
 - Public Address Systems Bosch
 - Data Networks H3C, Eltex & Huawei
- Performed detailed testing and effective commissioning of ELV systems, ensuring complete system functionality, reliability, and project compliance.
- Ensured clients received complete documentation (FAT, SAT, Type Test Report) upon project completion, including as built drawing, warranty details, system manuals and troubleshooting guides.

02/2020 – 01/2021 Lahore, Pakistan

ELV & ICT Engineer

Futurex EMC Engineering Private Limited

Responsibilities:

- Prepared technical and financial bidding documents.
- Assisted in the design and drafting of ELV Systems layouts and schematics diagram using AutoCAD and other relevant software.
- Ensured the timely delivery of materials and resources for ELV Systems installations.

- Installed various ELV systems, including:
 - Closed Circuit Television (CCTV) Dahua
 - Fire Alarm Systems Polon Alfa
 - Access Control Systems Kade
 - Public Address Systems Ecler
- Conducted tests and quality checks on materials and workmanship.
- Coordinated with the consultant for inspections and approvals.
- Prepared and presented progress reports, highlighting potential delays.
- Oversaw the testing and commissioning of ELV Systems, ensuring functionality and compliance with performance standards.

Skills

Microsoft Office (Excel, Word, PowerPoint)

Expert

All Windows Operating System — Expert

Quality Assurance & Compliance Standards

Expert

Hands-on Experience with Key ELV Brands:

Dahua, Hikvision, Honey Well, Samsung, ZKTeco, Bosch, H3C, Huawei, Eltex, Panasonic, Ecler

AutoCAD — Competent

Problem Solving & Analytical Thinking — Expert

Testing, Commissioning & Documentation

Expert

Languages

English — Fluent

Urdu — Native/Bilingual

Arabic — Basic