

ANAS MUKHTAR

ELECTRICAL ENGINEER



anasanaskhan429@gmail.com

+966 54 0308533

Riyadh SAUDIA ARABIA

CAREER SUMMARY

Results-driven Electrical Engineer with 2 years of hands-on experience in the design, installation, testing, and commissioning of electrical systems across large-scale infrastructure and commercial projects. Proven expertise in managing site operations, ensuring compliance with international electrical standards (IEC, NEC), and coordinating with multidisciplinary teams to deliver high-quality MEP installations on time and within budget. Skilled in low and medium voltage systems, power distribution, lighting, grounding, and control systems. Adept at reading technical drawings, solving on-site issues, and ensuring adherence to safety and quality protocols. Strong technical knowledge backed by practical field experience and a commitment to engineering excellence

EDUCATION

Bachelors in Electrical Engineering | 2019- 2023 HAMDARD
UNIVERSITY
ISLAMABAD, PAKISTAN
Pec Approved (WA)

PROFESSIONAL EXPERIENCE

SSD(DESIGN AND BUILD) QIDDIYA (ELECTRICAL ENGINEER)

- Led the installation, testing, and commissioning of addressable fire alarm system, Exit emergency light systems across multiple zones of the Qiddiya project.
- Executed installation of FACP, loop wiring, detectors, modules, sounders, and interface devices according to project drawings and NFPA standards.
- Performed loop testing, device programming, cause-and-effect verification, and system integration with BMS and other life-safety systems.
- Identified and resolved site conflicts, wiring issues, and device communication faults, reducing rework and delays.
- Prepared and submitted Inspection Requests (IRs) and coordinated with consultants for approvals.
- Ensured all work complied with NFPA 72, project specifications, and QA/QC procedures.
- Managed material requests, inventory tracking, and ensured availability of required components on site.
- Prepared as-built drawings, test reports, checklists, and commissioning documentation for final handover. Maintained daily progress reports and communicated updates to project managers and main contractors.

NESMA SUBSTATION HARAM-3 (ELECTRICAL ENGINEER)

- Supervised installation, testing, and commissioning of substation equipment including transformers, switchgear, circuit breakers, CTs, PTs, and protection panels.
- Monitored operation and maintenance of HV/MV/LV substations to ensure safe, reliable, and uninterrupted power supply.
- Performed routine inspections, preventive maintenance, and troubleshooting of electrical equipment.
- Coordinated protection relay testing, calibration, and fault analysis to maintain system protection and reliability.
- Ensured compliance with IEC/IEEE standards, utility regulations, and HSE requirements.
- Prepared switching procedures, method statements, and maintenance reports.
- Supported shutdown planning and execution, ensuring safety procedures and permit-to-work systems were followed
- Liaised with utility authorities, contractors, and internal teams for substation activities and approvals.

RIYADH METRO LINE 3 (ELECTRICAL ENGINEER)

- Involved in electrical installation, testing, and commissioning activities for metro systems in accordance with project specifications and international standards.
- Supervised installation of power distribution systems, substations, cable containment, cable pulling, lighting, and earthing systems across stations and depots.
- Coordinated with contractors, consultants, and project teams to ensure timely execution of electrical works.
- Conducted inspections, quality checks, and snag clearance to ensure compliance with approved drawings and method statements.
- Ensured strict adherence to HSE policies, permit-to-work procedures, and site safety regulations.
- Prepared technical documentation, inspection reports, as-built drawings, and commissioning records.

EMERGING HORIZONS PVT LTD (ELECTRICAL ENGINEER)

- Managed end-to-end execution of MEP systems including Fire Fighting, Fire Alarm, HVAC, BMS, Chilled Water Systems, Drainage, Elevators, and Escalators in commercial and infrastructure projects.
- Reviewed and coordinated MEP shop drawings and technical submittals, ensuring alignment with project specifications, local codes, and international standards (e.g., NFPA, ASHRAE, IPC, IEEE).
- Supervised on-site installation, testing, and commissioning of:
 - **Fire Fighting systems** – sprinklers, pumps, risers, and suppression systems.
 - **Fire Alarm systems** – detectors, control panels, sounders, and interfacing with HVAC and elevators.
 - **HVAC and Chilled Water systems** – ducting, chilled water piping, AHUs, FCUs, chillers, and cooling towers.
 - **Drainage systems** – waste, soil, and stormwater piping as per IPC standards.
 - **Vertical transportation systems** – coordination for installation of elevators and escalators with OEM suppliers.
- Facilitated integration of **BMS systems** for centralized monitoring and control of HVAC, lighting, energy, and life safety systems.
- Liaised with architects, structural engineers, and main contractors to resolve technical conflicts and ensure smooth MEP coordination.
- Ensured adherence to HSE requirements and QA/QC procedures through regular inspections and audits.
- Conducted T&C (Testing and Commissioning) procedures, third-party inspections, and supported authority approvals and final handovers.
- Maintained project documentation including RFIs, MIRs, IRs, method statements, and as-built drawings.
- Monitored material procurement schedules and manpower planning to align with project timelines and reduce delays.
- KEY PROJECTS: Nurkhan Base, CMH , MH , Giga Mall , Dmall , Elysium tower.

PAK TECO CORPORATION (ELECTRICAL ENGINEER)

- Performed preventive and corrective maintenance of electrical systems including power distribution, lighting, panels, and equipment.
- Designed and reviewed electrical drawings, single-line diagrams (SLD), load calculations, and layout plans in coordination with MEP teams.
- Executed electrical works for MEP projects, ensuring compliance with approved drawings, specifications, and safety standards.
- Coordinated with mechanical and plumbing teams to ensure smooth integration of MEP services.
- Conducted site inspections, troubleshooting, and fault analysis to maintain system reliability and performance.
- Prepared technical documentation, BOQs, material submittals, and as-built drawings.
- Ensured compliance with IEC/NEC standards, local authority requirements, and HSE regulations.
- Liaised with clients, consultants, and vendors to support project execution and maintenance activities.

PANTERA ENERGY (ELECTRICAL ENGINEER)

- Designed and reviewed grid-tied and off-grid solar PV systems including load calculations, string sizing, and inverter selection.
 - Conducted site surveys, shading analysis, and feasibility studies to determine optimal panel placement and system capacity.
 - Prepared single-line diagrams (SLDs), wiring layouts, and solar energy yield simulations using software tools such as PVsyst, Helioscope, and AutoCAD.
 - Supervised installation, testing, and commissioning of solar panels, inverters, combiner boxes, and related BOS (Balance of System) components.
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PROFESSIONAL SKILL

- Project Planning & Execution
 - Client & Stakeholder Communication
 - Time Management Compliance & Quality Assurance
 - Adaptability & Flexibility
 - Problem Solving & Decision Making
 - Documentation & Reporting
 - Negotiation & Procurement
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TECHNICAL SKILLS AND TOOLS

- **Fire Protection Systems:** Fire Alarm (Addressable & Conventional),
- **Fire Fighting:** (Sprinkler, Hydrant, FM200, NOVEC, CO₂)
- **Codes & Standards:** NFPA Compliance
- **Project Tools:** MS Project, Splendid
- **Design & Drafting:** AutoCAD (Fire System Layouts & Shop Drawings)
- **Execution & Coordination:** BOQs, Technical Submittals, Testing & Handover
- **Inspection & Safety:** FAT/SAT, Fire Drills, Safety Audits, Risk Assessments



PAK TECHNO CORPORATION
NTN 6711389-8 STRN 3277876226023
0333-3360803, ptco@ptco.pk, www.ptco.pk
Office No. 03, 2nd Floor, Waqas Arcade, G-15 Markaz, Islamabad.

1 March 2023

To Whom It May Concern

This is to certify that Mr. Anas Mukhtar worked as a Site Engineer a Pak Techo Corporation from 20 February 2022 to 3 March 2023.

He was responsible for supervising on-site installation, testing, and commissioning of electrical systems, interpreting and implementing electrical drawings as per project specifications, and coordinating v multidisciplinary teams. He ensured compliance with NEC, IEC, and local authority standards, maintained project documentation, and oversaw subcontractor teams to ensure quality and safety.

We found him to be competent, reliable, and professional through his tenure.

PAK TECHNO CORPORATION

Authorized Signatory
Pak Techo Corporation



Muhammad Amjad Saeed

Cell # +92 331 9761191



EMERGING HORIZONS ENTERPRISES

27 MARCH 2025

To Whom It May Concern

This is to certify that Mr. Anas Mukhtar served as an MEP Engineer at Emerging Horizons Pvt from 20 March 2023 to 27 March 2025.

During his tenure, he successfully managed the execution, supervision, and coordination of systems including Fire Fighting, Fire Alarm, HVAC, BMS, Chilled Water, Drainage, Elevators, a Escalators for major commercial and infrastructure projects such as Nurkhan Base, CMH, M-Giga Mall, Dmall, and Elysium Tower. He ensured compliance with international standards, oversaw testing and commissioning, and maintained all required documentation.

We found him to be professional, technically skilled, and dedicated throughout his service.

Authorized Signatory
Emerging Horizons Pvt. Ltd.



Office# 6, St# 1, Near G-12 Metro Station, Sector G-12 Sirinagar Highway Islamabad, Pakistan
Tel: +92 51 2300135 Mob: +92331 9761191 E-mail: ehsptv@gmail.com Web: ohfiresafety.com



August 12th, 2025

TO WHOM IT MAY CONCERN

This letter is to certify that **Anas Mukhtar** was employed at **Pantera Energy Pvt Ltd** from 1st January, 2021 to 15th February, 2022. Throughout his tenure, he served as a **Site Engineer** and made valuable contributions to our organization.

During his employment, he demonstrated excellent behavior and contributed significantly to projects and departmental goals. We found him to be dedicated, hardworking, and a valuable asset to our team. His professionalism, expertise, and commitment to his duties were commendable.

We wish him best of luck for his future endeavors.

Regards,

HR Executive (North)
Regional Office
Pantera Energy Pvt Ltd
Armeen.haroon@panteraenergy.pk



- HEAD OFFICE**
LAHORE
12A-XX, KHAYABAN-E-IQBAL, DHA PHASE 3, LAHORE
- REGIONAL OFFICES**
KARACHI - PESHAWAR - ISLAMABAD - MULTAN

PANTERA
MUKHTAR

KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR

المملكة العربية السعودية
وزارة الداخلية

هوية
RESIDENT IDENTITY

ANAS MUKHTAR MUHAMMAD MUKHTAR KHAN
انس مختيار خان محمد

الرقم ٢٦٠٧٥٢٣٣٢٧ نسخة ١
مكان الإصدار الخدمات الالكترونية
الإصدار ٢٠٠١/٠٣/١٥ الميلاد ١٤٤٦/١٢/٢٤
المهنة عامل بناء
الجنسية باكستان
صاحب العمل مؤسسة نايف عبدالعزيز الرشيد

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KINGDOM OF SAUDI ARABIA
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المملكة العربية السعودية
وزارة الداخلية

رخصة سيطرة
DRIVING LICENSE

ANAS MUKHTAR MUHAMMAD MUKHTAR KHAN
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الرقم ٢٦٠٧٥٢٣٣٢٧ نسخة 1
تاريخ الميلاد ١٤٢١/١٢/٢٠
تاريخ الإصدار ١٤٤٧/٠٢/١١
تاريخ الإنتهاء ١٤٥٢/٠٢/١١
النوع خاصة
الجنسية باكستان
فصيلة الدم B-G O+

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Enrollment No. ECI-IT-19-073

Hamdard University

Upon passing the requisite examination

held in 2023

and nomination of the

Faculty of Engineering Sciences & Technology

Hamdard University

has conferred upon

Anas Mukhtar

Son/Daughter of Muhammad Mukhtar Khan

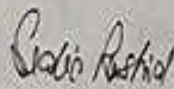
the Degree of

Bachelor of Engineering (Electrical Engineering)

Given under the Seal of Hamdard University

at Aladinat-al-Hikmah, Karachi, Pakistan, on

this **Twenty-Fourth Day of February Two Thousand Twenty-Four**



Chancellor



Registrar



Vice Chancellor



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انس مختيار خان محمد

الرقم ٢٦٠٧٥٢٣٣٢٧
النسخة 1 VER
تاريخ الميلاد ١٤٢١/١٢/٢٠ DOB 15/03/2001
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التنوع خاصة CAT PRIVATE
الجنسية باكستان NAL PAKISTAN
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