



# Muhammad Salim Khan

Electrical engineer

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Iqama -transferable

Riyadh, Saudi Arabia

## PROFILE

Dynamic Electrical Engineer, I have Gulf experience in electrical building maintenance L.T&H.T and advanced fire alarm systems. Proven track record in supervising and executing preventive and corrective maintenance works across high-profile infrastructure projects in Saudi Arabia. Skilled in fire alarm system inspections, quality assurance, and NCR resolution with top-tier clients like SABIC and New Murabba Development Co. Known for delivering projects that meet strict consultancy standards and safety regulations. Committed to ensuring reliability, safety, and operational excellence in every project undertaken.

## EDUCATIONAL BACKGROUND

### Bachelor of Technology (Hons) – Electrical Technology

Preston University, Peshawar |  
Jun 2013 - Jun 2017

### Diploma of Associate Engineer (DAE) – Electrical Technology

Gandhara Institute of Technology, Peshawar |  
Sep 2009 - Aug 2012

### Secondary School Certificate (SSC)

Islamia Collegiate School, Peshawar |  
Apr 2007 - Mar 2009

## WORK EXPERIENCE

### China Harbour Engineering Company Ltd. (CHEC/ENJAZ)

- **Position: Electrical site Engineer**
- **Project: New Murabba Development, Riyadh**
- **Client: New Murabba Development Co. | Consultant: KEO**
- **Duration: Sept 2023 – Nov 2025**
- **Location: Riyadh, Saudi Arabia**
- **Electrical Installation:**
  - LT.& HT cable laying, cable tray installation work cable termination, MDB SMDB,DB,ATS,PFI,LCP,MCC.EMT conduit and RGS conduit work. Troubleshooting of ACB & VCB.
- **Electrical Maintenance Coordination:**
  - Led and executed preventive and corrective maintenance for electrical building systems, optimizing performance and minimizing downtime for client satisfaction.
- **Compliance and Quality Assurance:**
  - Conducted rigorous inspections and verification of electrical materials and installations, ensuring adherence to New Murabba project specifications and international standards.
- **NCR Resolution and Stakeholder Coordination:**
  - Identified and addressed non-conformances (NCRs) in building maintenance and fire alarm works, collaborating with subcontractors and consultants to implement corrective measures and uphold quality.

### Kil Jin Kang & Partner Const. Cont. Co. Ltd. (KCC)

- **Position: Electrical QC Inspector – Fire Alarm Systems & Building Maintenance**
- **Project: STC-Jubail Utilities Park & Pilot Plant Project**
- **Client: SABIC | Consultant: SABIC Inspection Team | Main Contractor: Wison Engineering**
- **Duration: May 2020 – June 2023**
- **Location: Al Jubail, Saudi Arabia**
- **Fire Alarm System Inspection:**
  - Performed detailed inspections of fire alarm systems and associated electrical installations, ensuring alignment with SABIC specifications and project standards.
- **Electrical Testing and Commissioning:**
  - Conducted high-voltage panel, MCC terminations, and fire alarm testing to ensure operational integrity and compliance with project requirements.
- **Quality Documentation and RFI Coordination:**
  - Prepared and reviewed RFIs, technical documents, and inspection reports for fire alarm and electrical maintenance works, securing timely approvals from the SABIC Inspection Team.

## SKILLS

- ◆ Electrical Inspections
- ◆ Fire Alarm System Testing
- ◆ Electrical Maintenance
- ◆ Preventive & Corrective Maintenance
- ◆ NCR Handling
- ◆ Quality Assurance & Compliance
- ◆ Inspection Coordination
- ◆ RFIs and Documentation
- ◆ Material Verification
- ◆ Conduit & Junction Box Installation
- ◆ L.T&HT Panel Testing
- ◆ Grounding Systems
- ◆ HVAC Systems Installation
- ◆ Solar PV Systems Installation
- ◆ Troubleshooting Electrical Systems

## AWARDS AND HONORS

### Certificate of Merit 2001

- ◆ Awarded a Certificate of Merit for the successful completion of a summer vacation task and project, demonstrating dedication and excellence in academic engagement.

## PROFESSIONAL CREDENTIALS

### Certificate in Oil and Gas Safety Awareness

- ◆ Successfully completed a safety awareness session focused on best practices and safety protocols in the oil and gas industry.

## LANGUAGES

- ◆ Urdu
- ◆ English
- ◆ Pashto

## Saudi Pan Kingdom (SAPAC)

- ◆ **Position: Electrical QC Inspector**
- ◆ **Project: Jeddah Stormwater Drainage Project (JSDP)**
- ◆ **Client: Jeddah Municipality | Consultant: Atkins**
- ◆ **Duration: Jun 2019 – April 2020**
- ◆ **Location: Jeddah, Saudi Arabia**
- ◆ **Fire Alarm Compliance Testing:**
  - Conducted inspections and testing of fire alarm systems, verifying compliance with Atkins consultancy standards and municipal safety regulations.
- ◆ **Electrical Maintenance Quality Checks:**
  - Inspected and validated electrical maintenance activities, including conduit systems, junction boxes, and control panels, ensuring adherence to project-specific guidelines.
- ◆ **Inspection Coordination and Reporting:**
  - Collaborated with SAPAC engineers and consultants to schedule inspections, resolve discrepancies, and maintain accurate quality documentation for project milestones.
- ◆ **Document Control and Material Verification:**
  - Reviewed and updated drawings, test reports, and material compliance documents to ensure all building maintenance and fire alarm installations met municipal and project requirements.

## SHORT COURSES

### Construction Technology (General Electrician) Trade Testing Board KP | 2019

- ◆ Completed a one-year competency-based certificate in construction technology with a specialization in general electrical installation and maintenance.

### Certificate in Solar PV and UPS Installation Government Advanced Technical Training Center (KP Testing Board) | 2017

- ◆ Acquired skills in solar photovoltaic (PV) systems and UPS installation through a 6-month certificate program.

### Heating, Ventilation & Air Conditioning (HVAC) NAVTTTC | 2016

Completed a 6-month competency-based certificate program, gaining expertise in HVAC installation, maintenance, and troubleshooting.