



# MUHAMMAD ISHAQ

Electrical Engineer/ Electrical Inspector

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## Professional Summary

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Professional Electrical Engineering Supervision with Over 13 years of experience in Electrical Services Installation, Testing & Commissioning in Infrastructure Projects with well-known contracting Companies, Client and Consultant as an **Electrical Engineer** and **Electrical Inspector** and **Electrical Supervisor** in the Middle East and Pakistan. Well-versed in Project management and Coordination, successfully Managed different projects i.e., Railways **Rail Metro Qatar**, **Hospital**, **Housing of Faculty members At Islamic University of Madinah Munawara**, **National Food Industry Pakistan** and **Qurta City Islamabad** from the initial stage to successful completion and handing over to the client.

## Technical Skills

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**Soft Skills:** Strong Attention to Detail, Team Collaboration & Coordination, Communication Skills (written & verbal), Time Management & Multitasking, Problem Solving & Critical Thinking, Adaptability in Fast-Paced Environments, Project Management and Teamwork, Learning to Learn

**Software Skills:** AutoCAD Electrical, Load Calculation, Microsoft Office (Excel/Word), E-mail Communication

## Work History / Experience

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### Atraftah (Designing and Execution)

October 2024 to April, 2025

Electrical Engineer

Jeddah (KSA)

### Projects

Dragon Place China Mall, Jeddah, Isuzu Showroom & Workshop, Jeddah, King Long Showroom & Workshop, Jeddah, ISUZU Showroom Riyadh, Cadillac Showroom Riyadh

### Key Responsibilities

- Coordinate with subcontractors, obtain prices, and supervise their work.
- Study projects, price electrical items, and analyze expected balances.
- Supervise electrical works design, execution, and auditing.
- Review electrical works invoices and seek explanations when necessary.
- Supervise primary and final handover, maintain accurate records, and ensure proper documentation.
- Form and manage a suitable work team, providing necessary support.
- Prepare specifications, costs, and bids for electrical work.

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**CITION M&C LLP (Consultant)**

Electrical Inspector

**Project****Key Responsibilities****Sep, 2022 –Jun, 2024**

Faisalabad (Pakistan)

National Food Galaxy Plant

- Verifying Request for Inspection (RFI) report of Cable Trays, Cable Trunks, MCC Panels, MDB, PDB, LDB, CCTV system, Light Control Unit, EMS, VFDs, FCU, CTU Fire Alarm System, Clean Agent System, IDMF Racks Installation and termination, BMS, MV and LV Switchgear Panels submitted by the contractor and take appropriate action in a timely manner.
- Supervision and Verification of Material Inspection reports (MIR).
- Joining the Installation, testing and commissioning activities at the site performed by the contractor.
- Checking and Verification of Contractors MIR IPC,s and Installation IPC,s
- Reporting to Lead discipline engineer.
- Evaluate the Factory Acceptance Test (FAT)
- Monitor Site Acceptance Test (SAT)
- Monitoring inspection & test reports of completed inspections & tests are concurrent.
- Ensuring all equipment's, tools and materials meet with the project quality requirements and that personnel have been adequately trained to use them safely.
- Preparing surveillance report for deficiencies of work found at site and nonconformance reports (NCR) if required in view of the development of events
- Reporting any works carried out by contractor found to not be in accordance with approved drawing and specifications and report to stakeholders for appropriate action.
- Evaluate electrical installations for compliance with safety guidelines, including proper grounding, wiring insulation, circuit protection, and fire protection measures. Ensure that all safety protocols are followed to minimize electrical hazards and risks to personnel, equipment, and property.
- Maintaining records for daily activities on site including progress photos and ensure they are readily available for inspection as and when required.

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**Qurtaba City**

Electrical Engineer

**Project****Key Responsibilities****Sep, 2019 –Aug, 2022**

Islamabad (Pakistan)

Qutaba Housing Society and Infrastructure

- Prepare inspection reports, maintain test records, and update management with progress and recommendations.

- Supervise electrical testing (IR, continuity, load tests), coordinate with teams to ensure system performance.
- Perform quantity take-offs, cost breakdowns, and vendor/subcontractor comparisons.
- Review tender documents, drawings, BOQs, and estimate materials, labor, and equipment.
- Measure site work, verify contractor bills, and prepare electrical layout plans.
- Supervise HT/LT poles, transmission lines, and site maintenance.
- Install and maintain lightning arrestors and earthing systems for OHT, Panels and other Electrical Equipment

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**Redco International (PSH & RNR JVs)**

**Dec, 2016 –July, 2019**

Electrical Site Engineer

Doha (Qatar)

**Project** Qatar Rail, Doha Metro Green line (Under Ground Stations and Tunnels)

**Key Responsibilities**

- Conducting regular site inspections to monitor progress, identify potential issues, and ensure compliance with project specifications, quality standards, and safety regulations.
- Coordination with other disciplines, such as civil, mechanical, and architectural, to ensure integration and coordination of electrical works with overall project requirements.
- Coordination inspections with the quality team and consultants.
- Provide on-site supervision and technical support for electrical construction activities, including installation, testing, and commissioning of electrical systems and equipment.
- Collaborate with project managers, contractors, and subcontractors to ensure that electrical works are executed according to project plans, schedules, and budget constraints.
- Managed documentation for handover processes.
- Resolve technical issues, discrepancies, and conflicts related to electrical design and construction activities, and provide timely solutions to keep the project on track.
- Conducting site meetings with project stakeholders, including clients, contractors, and regulatory authorities, to discuss project progress, issues, and resolutions.

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**Mohammad A. Al Swailem Company (MASCO)**

**Dec, 2011 –Aug, 2016**

Electrical Supervisor

Madina Munawarah, (KSA)

**Project** Building for Housing Organization Members at Islamic and Taibah University

**Key Responsibilities**

- Reports to Project Engineer/ Manager regarding the daily update of the site work.
- Coordinate with Consultant, Subcontractors and others.
- MV/LV Power Cable routing, Cable termination, and Cable Tray
- Installation of building services like LV Electrical Power System, Lighting System,
- Electrical H.T and L.T Panels, DB's and Control System.
- Termination and Cables Pulling for Street Lights Pools and 25kv, 50kv Substations.
- Testing of Electric Work (Fire Alarm, Lighting, Power, Data Telephone, and Intercom & AC System) and D.B Dressing.

- Supervised the Underground Power Distribution System 11 KV (Erection) RMU, DBs, MDB,s SMDB,s etc.

## **Education**

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### **Indus University of Karachi**

Bachelor of Technology Electrical

### **National College of Technology, Peshawar**

Diploma of associate Engineer 3 Years (Electrical)

### **Virtual University of Pakistan**

AutoCAD & Digital Literacy

## **Relevant Training/ Achievements**

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- Safety Officer OSHA Certificate
- CCRM Level-2 (Construction Commissioning Railway Management)
- CCRM Level-3 (Construction Commissioning Railway Management)
- CRO Level-01 (Construction Rail Operation)
- CRO Level-03 (Construction Rail Operation)
- Supervisor Leadership Training
- Tunnel Safety

## **Languages**

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English / Arabic / Urdu / Hindi