

“AVAILABLE FOR IMMEDIATE HIRING”

## MOHAMMAD ZOHAIB

(Electrical Engineer)



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### SUMMARY:

Experienced and detail-oriented **Electrical Engineer** with over **15 years of expertise** in electrical system design, quality assurance, and project execution within the construction, power distribution, high-rise buildings, and infrastructure sectors. Skilled in implementing Inspection and Test Plans (ITPs), managing QA/QC documentation, conducting inspections across all stages of electrical works including LV systems, lighting, grounding, ELV, and fire alarm systems and ensuring compliance with IEC, NEC, BS, and ISO 9001 standards. Adept in testing & commissioning, material approvals, and coordination with consultants, clients, and multidisciplinary teams. Proficient in AutoCAD, Revit, BIM, and Aconex. Recognized for strong leadership, technical acumen, and a results-driven approach. Seeking a challenging role to apply technical and managerial expertise in a growth-oriented organization.

### CERTIFICATIONS & AUTHORITY REGISTRATIONS:

1. Registered Engineer, **Dubai Electricity and Water Authority (DEWA)** – UAE
2. Member, **Society of Engineers** – UAE
3. Certified Solar PV Expert – UAE
4. Registered Engineer, **Saudi Engineering Council** – KSA
5. Registered Engineer, **Pakistan Engineering Council** – Pakistan

### EDUCATION:

Bachelor of Electrical (Electronic) Engineering  
University: Federal Urdu University of Arts, Science and Technology Islamabad  
GPA Score: 3.51/4.0, Graduation Year: 2009

### KEY SKILLS & EXPERTISE:

1. Electrical System Design & Engineering Calculations
2. Building Code Compliance (IEC, IEEE, NFPA)
3. Fire Alarm & ELV Systems (CCTV, Data, Voice)
4. BIM Coordination & AutoCAD/Revit Drafting
5. Site Supervision & QA/QC
6. Testing & Commissioning (IR, Continuity and Functional)
7. Project Scheduling & Stakeholder Communication
8. Procurement & Vendor Coordination
9. Power Distribution, Load Flow, Short Circuit Analysis

### PROFESSIONAL EXPERIENCE:

#### Senior Electrical Engineer

Dutco Construction Group, KSA

Sept 2023 – Nov 2024

- Managed site and logistics supervisors, procurement assistants, drawing coordinators, and 2D/3D draughtsman for shop drawings and BIM design.
- Designed and drafted lighting, power distribution, load calculations, cable sizing, DALI lighting control, grounding, LV schematics, and ELV systems (fire alarms, CCTV, voice evacuation).
- Installed 1500 KVA Alfanar transformers, RMUs (3-way & 4-way), EV chargers, ATS, earthing & lightning protection, Siemens LV switchgear, Legrand UPS 30KVA and 40KVA and Kohler generators.
- Supervised 33 kV cable termination for RMUs, ensuring safety and reliability.
- Installed power systems for HVAC systems: FAHUs, AHUs, CRAC units, FCUs, heat batteries. Fire & Safety System: Fire pumps & leak detection system. Water System: Automatic dosing system, pressurization units, circulation pumps, booster pumps, filtration pumps, chilled water pumps and submersible pumps. Lifting & Access: Escalators, elevators, gantries and roller shutters.
- Ensured compliance with safety and regulations, coordinated with MEP teams, civil engineers, contractors, and consultants.
- Verified engineering requirements are included in deliverables.
- Communicated with stakeholders to define project performance needs.
- Reviewed and aligned engineering development with project specifications.

- Led project design reviews and develop the overall engineering plan.
- Monitored engineering progress, quality, and schedule.
- Supported project budgeting, forecasting, and QA/QC adherence.
- Assisted in resolving QA/QC issues and technical reviews.
- Coordinated between engineering, construction, and commissioning teams.
- Recommend process improvements while ensuring safety, quality, and environmental compliance.
- Estimated quantities, sourced suppliers, negotiated terms, manage logistics, and prepared payment certificates.
- Organized meetings tracked action items, and managed follow-ups.
- Prepared and submitted method statements, material submittals, and addressed revisions or feedback.
- Supervised and conducted testing and commissioning of cables and LV switchgear.

### **Deputy Manager – Electrical**

Orbit Developers Pvt. Ltd., Lahore, Pakistan

Oct 2018 – Sept 2023

- Supervised site team, including supervisors, logistics, procurement, and draftsmen.
- Installed transformers (400-1250 KVA), RMUs, MV protection panels, earthing & lightning protection (Early Streamer Emission System), LV switchgear, genset panels, bus tie ducts, lifts (Passenger and Dumbwaiter), and generators.
- Installed 278 cameras (Dome, Indoor, Outdoor, Varifocal, Mini Dome for lifts) NVRs, UPS (2KVA & 6KVA), fire alarm systems, CO sensors, speakers, and call points.
- Supervised 11 kV underground cable installation and termination for RMUs.
- Coordinated with authorities to issue energy meters for residential and commercial units.
- Performed power system testing for LT panels, cables, and earthing; witnessed factory tests for LT panels, transformers, and generators.
- Managed electrical system documentation, operation, and maintenance.
- Worked on energy conservation to reduce operational costs.
- Conducted load flow and short circuit studies for power systems.
- Identified system improvements and promoted workplace safety.
- Scheduled projects, allocated resources, tracked progress, and coordinated with clients, vendors, and internal teams.
- Managed suppliers, negotiated terms, handled logistics, and prepared payment certificates.

### **MEP Engineer**

White Line Intl. Contracting & Technical Services LLC, Dubai, UAE

May 2014 – Aug 2018

- Managed MEP team, including supervisors, technicians, logistics, procurement, and draftsmen.
- Handled lighting, power, LV schematics, and ELV systems.
- Supervised drainage, water supply, and HVAC systems; coordinated with DM for drainage inspections.
- Worked with civil engineers, contractors, and consultants for site execution.
- Resolved design discrepancies with consultants.
- Prepared shop drawings and SLD's for DEWA submission and approval.
- Arranged final inspections with DEWA for electrical and water meter releases.
- Knowledge of transformer and generator sizing, load calculations, and schedules per authority standards.
- Conducted cable and breaker sizing, voltage drop verification, and lighting lux calculations for luxury villas.
- Managed cable glanding and termination (10mm<sup>2</sup> to 630mm<sup>2</sup>).
- Executed plans for fire alarms and central battery systems, coordinating with civil defence authorities.
- Worked with various multicultural consultants, including New Arch, My Vision, Bassmah, Future Design, Amcon and others.

### **Electrical Engineer**

Serene Services LLC, Dubai, UAE

June 2011 – Apr 2014

- Oversaw the electrical team for site execution as per approved shop drawings.
- Ensured work met standards and maintained site safety.
- Supervised lighting, power, low-current wiring, cable tray installation, cable pulling, glanding, and termination.
- Liaised with consultants for work completion and inspections.
- Documented additional or deviated work from IFC or approved drawings.
- Prepared material submittals, BOQs, and coordinated procurement for timely deliveries.
- Maintained records of all electrical project documents.

### **Trainee Electrical Engineer**

Oil and Gas Development Company Ltd. (OGDCL), Pakistan

Jan 2010 – Feb 2011

- Maintained 2×2.5 MW Ruston gas turbines, MV/LV Motor Control Centers, transformers, motors, control systems, and HVAC.
- Handled lighting, earthing, power sockets, distribution boards, and wiring.
- Ensured proper maintenance of DC power supply and battery systems.
- Conducted cable testing, fault location, route tracing, and jointing.
- Participated in scheduled plant maintenance.
- Proficient in electrical drawings and testing tools (Voltmeter, Ammeter, Ohmmeter, Megger, Earth Tester, etc.).
- Diagnosed issues and followed HSE safety procedures for hazardous areas.

#### **PROJECT HIGHLIGHTS:**

Client	:	Red Sea Global (RSG)
Consultant	:	ATKINS
Project	:	Red Sea Marine Life Institute (Amaala), Triple Bay

#### **Notable Completed Projects:**

1. Spring Apartment Homes, Lahore, Pakistan – Multi-story residential & commercial buildings (3B+G+5, 3B+G+8, 3B+G+11).
2. Happi Restaurant, UAE
3. Starbucks Coffee Shop, UAE
4. Centre of Ambulance Services, UAE
5. Atlantic Tower, Dubai Marina, UAE – High-rise commercial & residential buildings (P+G+17+GYP & P+G+6).
6. Al Habtoor Staff Accommodation, DIP, UAE – (G+4) staff housing, UAE
7. Luxury Villas (G+1), UAE

#### **STRENGTHS:**

- Effective Communication & Decision-Making
- Team Leadership & Collaboration
- Adaptability and Quick Learning
- Problem Solving
- Work Ethic & Integrity

#### **TECHNICAL SKILLS:**

1. Aconex
2. AutoCAD
3. Revit
4. BIM
5. MS Office Suite
6. Nevis (Clash Coordination)
7. Dia Lux
8. ETAP (basic) |
9. Electrical Testing Tools: Megger, Earth Resistance Tester, Multimeter

#### **REFERENCE:**

- Will be furnished on request.