

# Mohammed Osama Zakour

Al-Madinah Al-Munawwarah, Saudi Arabia

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## Experience

### Al-Naiem Construction Co. Ltd – Al-Madinah Al-Munawwarah

#### Project Manager – Lighting Systems Operation & Maintenance

Oct 2022 – Present

##### Project Scope & Scale:

- Project Manager for **two major street lighting O&M projects covering approximately half of Al-Madinah Al-Munawwarah.**
- Full responsibility for operation and maintenance of approximately **33,000 street lighting poles.**
- Managed an estimated street lighting network length of **~990 km** (average 30 meters spacing per pole).
- Managed a contract valued at approximately **SAR 40 million**, later increased to **SAR 44 million.**
- Led and supervised a workforce of **55 engineers and technicians** across field and administrative operations.

##### Key Responsibilities & Achievements:

- Developed and executed the Project Execution Plan (PEP) covering scope, schedule, cost, and quality.
- Managed project budget, cost control, and financial reporting for a multi-million SAR contract.
- Supervised installation, operation, and preventive/corrective maintenance of city wide street lighting networks.
- Coordinated directly with municipalities and relevant government authorities to ensure alignment and approvals.
- Implemented performance testing and quality assurance processes across all lighting assets.
- Led the **conversion from legacy sodium lighting to LED technology**, resulting in approximately **40% reduction in energy consumption** while improving system reliability and maintainability.
- Enforced safety procedures and ensured full compliance with approved standards and technical specifications.
- Prepared periodic technical, operational, and performance reports for stakeholders.
- Developed and implemented improvement and upgrade strategies for lighting systems.
- Achieved a **95% reduction in faults and public complaints** by restructuring maintenance workflows and enforcing preventive maintenance.
- Reduced average fault response time from **48 hours to 6 hours**, significantly enhancing service availability.
- Successfully justified and secured a **contract value increase from SAR 40 million to SAR 44 million** by expanding project scope and aligning additional works with client requirements.

## Site Engineer

Feb 2022 – Oct 2022

- Responsible for maintenance of asphalt mixer and crushing plant equipment.
  - Worked directly on electrical **control panels and PLC-based systems**, supporting troubleshooting, diagnostics, and operational continuity of site equipment.
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## Training Experience

### Saudi Electricity Company

#### Technical Support Trainee

May 2021 – Jul 2021 | Al-Madinah Al-Munawwarah

- Assisted in monitoring electrical systems using best-practice solutions.
  - Supported station operations to ensure continuous power supply to the grid.
  - Gained hands-on exposure to electrical distribution systems.
  - Overview of main and sub-main electrical feeding systems.
  - Overview of power generation systems and maintenance activities.
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## Education

### Islamic University of Madinah – Faculty of Engineering

#### B.Sc. in Electrical Power and Machines Engineering

- Cumulative GPA: 4.19 / 5
  - STEP English Test: 80% (First Attempt)
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## Technical & Professional Skills

- Engineering Project Management & Team Supervision
  - Planning, Scheduling, and Deadline Control
  - Street Lighting Systems (Installation, O&M)
  - Technical Reporting & Performance Analysis
  - Coordination with Government Authorities & Suppliers
  - Safety Management and Quality Assurance
  - Problem Solving & Decision Making
  - Negotiation, Contracts & Procurement Management
  - Project Management Tools: Microsoft Project
  - Engineering Software: AutoCAD
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## Languages

- Arabic: Native
- English: Good / Professional Working Proficiency