

# Ammar Pervez

## Electrical Site Engineer

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📠 2580478895

## PROFILE

Dedicated Electrical Site Engineer responsible for the end-to-end engineering, installation, testing, commissioning, of Medium Voltage , Low Voltage and Low Current systems across commercial, industrial, and infrastructure projects, ensuring compliance with international and local standards. Adept at planning, executing, and overseeing projects involving Power, Lighting, Fire Alarm (FA), CCTV, Access Control (ACS), Public Address (PA), WiFi and Structured Cabling. Skilled in supervising installations, preparing technical documentation. Known for a proactive approach, precision in design and execution, and effective communication with project stakeholders. Skilled in managing end-to-end project lifecycles while ensuring adherence to international standards such as IEC, NEC, NFPA, and local regulatory codes.

## PROJECTS

### Saudi Arabian Military Industrial Complex

08/2023 – 10/2025

SAMI Land Industrial Complex Client: Saudi Arabian Military Industries Position: Electrical Site Engineer

Scope:

#### Medium Voltage System (33/0.4 kV) – Installation & Commissioning

- Supervised installation and commissioning of **19 transformers (2500 kVA each)**, including both **oil-type** and **dry-type** units.
- Executed installation and termination works for **33/0.4 kV Medium Voltage (MV) systems** ensuring compliance with safety and utility standards.
- Installed and commissioned **Gas Insulated Switchgears (GIS)** with high reliability and compact design for 33 kV distribution systems.
- Performed installation and connection of **Ring Main Units (RMUs)** for network protection and sectionalizing.
- Installed **Bus Duct Systems (4000A rating)** between transformers and LV panels, ensuring optimal current carrying capacity and heat dissipation.
- Conducted **cable laying, glanding, termination, and testing** of MV power cables (XLPE type) as per IEC standards.
- Coordinated **pre-commissioning and functional testing**, including insulation resistance, ratio, and contact resistance tests.
- Prepared and reviewed **as-built drawings, test reports, and commissioning documents** for client approval.
- Ensured **adherence to safety protocols and quality assurance** throughout installation and energization phases.
- Collaborated with consultants and utility providers for **inspection, testing, and final energization approvals**.

#### Low Voltage Systems (LV):

Power & Lighting Distribution:

- Installed and commissioned Main Distribution Boards (MDBs), SMDBs, and Final DBs in accordance with NEC Article 108 and IEC 61139.
- Executed internal and external lighting systems with energy-efficient fixtures and lighting control panels (LCPs) using DALL, relay-based systems integrated with BMS.

UPS Systems, Capacitor Banks & Power Quality:

- Installed and tested UPS systems for backup power with battery bank configuration and load testing.
- Installed capacitor banks for power factor correction, including setting automatic switching sequences and verifying power quality with energy analyzers.

Cabling, Termination & Detailed Testing:

- Performed cable pulling, dressing, glanding, and termination for XLPE, PVC, and armored cables up to 630 sq.mm.

- Conducted pre-commissioning and final testing in accordance with IEEE 310, NEC 310, IEC 60228, and IEC 60502.

### **Extra Low Voltage Systems (ELV):**

#### Fire Alarm Systems:

- Designed, installed, tested, and commissioned addressable and conventional fire alarm systems conforming to NFPA 72 and Saudi Civil Defense requirements.
- Conducted loop testing, device programming, and end-to-end signal verification using manufacturer tools (eg, Notifier, Siemens, Honeywell).
- Integrated fire alarm with HVAC shutdown, FA interface panels, and elevator recall systems

#### CCTV Surveillance:

- Deployed high-resolution IP CCTV systems, including camera focusing, NVR configuration, and video analytics calibration.
- Conducted field of view validation, network speed tests, and frame rate optimization per MOI- SSD guidelines.

#### Access Control & Security Systems:

- Installed and configured multi-door access control systems including biometric, RFID, and smart card readers.
- Verified access logic, alarm triggers, and conducted functional testing with audit trail reporting.

#### Structured Cabling Systems:

- Installed and tested Cat6/6A and fiber optic cabling Infrastructure.
- Conducted Fluke DTX/DSX certification, OTDR testing, and fiber end-face inspection as per ISO/IEC 1763-3.

### **Jafurah seawater desalination Project**

12/2022 – 06/2024

*client: Future Technologies for water desalination Company*

Position : Electrical Site Engineer

#### Scope:

##### Site Execution & Supervision:

- Supervised daily site activities related to electrical systems including conduit installation, cabling, panel erection, lighting, and termination works.
- Insured all installations complied with approved shop drawings, method statements, and project specifications.

##### WIR Preparation & Submission:

- Prepared and submitted Work Inspection Requests (WIRs) for completed electrical works as per project ITPs.
- Coordinated with QA/QC engineers and consultants for scheduled inspections.
- Addressed punch list items, ensured rectification, and resubmitted for approval to avoid delays in project milestones.

##### Quality Assurance & Coordination:

- Collaborated closely with the QA/QC team to ensure compliance with project quality standards and applicable codes (NEC, IEC).
- Participated in internal quality audits and maintained inspection logs, snag reports, and site quality documentation.

##### Technical Documentation & Reporting:

- Developed and maintained technical documentation including daily progress reports, site material delivery logs, and redline/as built drawings.
- Assisted in preparing method statements, material submittals, and correspondence with consultants for technical clarifications (TQs/RFI).
- Compiled data for O&M manuals and final project handover documentation.

##### Drawings & Coordination:

- Reviewed and interpreted shop drawings, schematics, and single-line diagrams to guide the execution team.
- Coordinated with civil, architectural, and mechanical teams to avoid service clashes and ensure smooth project integration.

##### Material Handling & Logistics:

- Verified delivery of materials on-site, conducted quantity checks, and ensured proper storage as per manufacturer guidelines.
- Followed up with procurement and vendors for long-lead items and material approvals.

##### Testing & Pre-Commissioning Support:

- Assisted in IR testing, continuity checks, and point-to-point verification for LV systems and ELV cabling prior to handover.

- Coordinated with the commissioning team to ensure smooth transition from installation to live testing phase.

## PROFESSIONAL EXPERIENCE

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### Electrical Site Engineer

*Green Riyadh Contracting Company*

Project: SAMI Land Industrial Complex

Client: Saudi Arabian Military Industries

Consultant: GHAFARI

Responsibilities:

- (1) Managing and supervising Site Activities.
- (2) Checking technical designs and drawings and make sure they are properly followed at the site
- (3) Preparing daily weekly and monthly progress report of work and equipments.
- (4) Preparing monthly take-off sheets for BOQ.
- (5) Following ITPS and method Statement at Site.
- (6) Checking Drawings and Designs to ensure they are followed at site.
- (7) Preparing quantities of material that required at site.
- (8) Making RFI (Request for Inspection) and MIR for Inspection.
- (9) Making corrective action reports for observations related to Electrical Work at site.
- (10) Inspect all material at site.
- (11) Attending meeting with clients and main contractors.
- (12) Keeping records of all reports and documents related to QA/QC and Electrical Work
- (13) Performing pre inspection of materials and installed cable management systems and terminations before consultant visits.
- (14) Following up with main contractors for materials like cable trays, ledgers, trunks, cables, pannels, Transformers, ATSS, Generators etc.
- (15) Attending internal meetings with owners.

08/2023 – 10/2025  
Riyadh, Saudi Arabia

### Electrical Site Engineer

*Ocean International Contracting Company*

Project: Jafurah seawater desalination Project

Client: Future Technologies for water desalination Company

Consultant: Mission Consultant Engineering

Responsibilities:

- (1) Create detailed electrical designs for systems, components, and layouts
- (2) Select appropriate electrical equipment and materials based on design requirements and cost- efficiency
- (3) Prepare specifications for electrical equipment, ensuring compliance with codes, regulations, and standards (eg, IEC, NEC, local codes).
- (4) Work closely with project managers, architects, and other engineers to integrate electrical systems into overall project designs.
- (5) Prepare technical reports, design documentation, and as-built drawings
- (6) Work with architects, project managers, and other engineering teams to incorporate low current systems into building designs.
- (7) Oversee the testing and commissioning of low current systems, ensuring proper functionality, performance, and integration with other building systems.
- (8) Prepare detailed design documents, including system layouts, specifications, and commissioning reports
- (9) Maintain as built drawings and documents for future maintenance and upgrades.
- (10) Provide ongoing support during installation, maintenance, and operation of low current systems.
- (11) Liaise with clients and stakeholders to understand their requirements and provide technical support during the design and installation phases.

12/2022 – 06/2024  
Riyadh, Saudi Arabia

## EDUCATION

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### Bachelors in Electrical Engineering

*University of Poonch Rawalakot*

Rawalakot Azad  
Kashmir, Pakistan

### FSc Pre-Engineering

*AJK Board of intermediate*

Mirpur, Pakistan

## SKILLS

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Micro Soft Office Suite	Electrical Design
Site Supervision	AutoCAD
Ability to work Under Pressure	Site Management
Implementation of Method Statement	Dialux EVO
Team Work	Problem Solving
Testing & Commissioning (IR Testing, Continuity, Torque Check, FAT/SAT)	Power Systems (MDB, SMDB, Capacitor Banks, UPS, Cable Sizing)
Low Current Systems (Fire Alarm, CCTV, Access Control, RMS)	Cabling & Termination (XLPE, Fiber Optic, Cat6/6A)
Compliance & Standards (NEC, IEEE, IEC, NFPA, SBC)	

## LANGUAGES

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English	Arabic	Urdu/Hindi
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## CERTIFICATES

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<b>Practitioner's Approach to Power Distribution &amp; Automation</b>	<b>Engineering Project Management Initiating and Planning</b>	<b>Electrical Power Distribution</b>
<b>Safety in the Utility Industry</b>	<b>Product Development Using AutoCAD</b>	

## DECLARATION

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I hereby declare that the above particular are true to the best of my knowledge and belief, if given an opportunity, I assure you that I shall endeavor my best in discharging my duties to the entire satisfaction of my superiors. Further original testimonies will be provided on demand.

Ammar Pervez

## CERTIFICATE OF EMPLOYEMENT

### TO WHOM IT MAY CONCERN

This is to certify that **Mr. Ammar Pervez**, holding Iqama No. **2580478895**, has been employed with Green Riyadh Contracting Co. as an Electrical Site Engineer from 29th August 2023 to 30th October 2025 on **Project SAMI Land Industrial Complex, AL-Kharj, Riyadh Saudi Arabia**.

During his tenure with our company, Mr. Ammar was responsible for managing and executing Medium Voltage (MV) and Low Voltage (LV) electrical works at various project sites. His scope of work included:

- Installation, and commissioning of MV and LV switchgears, RMUs, and transformers (oil type and dry type).
- Supervision of LV power distribution systems, including panels, cabling, and termination.
- Raising Inspection as per ITPs for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> fix of cable management systems, cable laying and all electrical related scope in our work.
- Monitoring cable laying, and termination for MV/LV networks.
- Coordination with consultants and clients for inspection, approval, and quality assurance.
- Ensuring compliance with project specifications, safety standards, and Saudi Electrical Codes.
- Preparation of site reports, material requests, and progress documentation.

Mr. Ammar has demonstrated professionalism, technical expertise, and strong commitment to project completion within time and quality standards. His performance and conduct during his service period have been commendable. We wish him continued success and prosperity in his future professional endeavors.

For GREEN RIYADH CONTRACTING CO.

*Authorized Signatory*

Name: Engr. Abdul Rahman AL ghazi

Designation: Project Manager

**GREEN RIYADH CONTRACTING CO.**

P.O. Box 7687, Riyadh14814, Kingdom of Saudi Arabia VAT-Registration 310932120700003

Company Registration: -101071717002      Date: 30 October 2025





# شركة أوشن الدولي للمقاولات

## OCEAN INTERNATIONAL CONT. CO.

### CERTIFICATE OF EMPLOYEMENT

This is to certify that **Mr. Ammar Pervez**, holding **Iqama No. 2580478895**, was employed with **Ocean International Contracting Company** as an **Electrical Site Engineer** from **13th December 2022** to **6th June 2023**.

During his tenure, Mr. Ammar was responsible for the complete supervision, installation, and commissioning of **Low Voltage (LV)** and **Low Current Systems** in various company projects. His work included managing the installation and integration of **Fire Alarm, Access Control, and CCTV Systems**, along with the execution of LV power distribution, cabling, and termination works. He effectively coordinated with consultants, contractors, and clients to ensure timely inspections, approvals, and compliance with all technical standards and project specifications.

Mr. Ammar consistently demonstrated a high level of technical competence, professionalism, and commitment to maintaining quality and safety standards on site. His ability to manage work schedules, handle technical challenges, and deliver reliable performance contributed greatly to the success of the projects he was assigned to.

During his period of employment, his conduct and performance were exemplary. We found him to be a dedicated, hardworking, and cooperative member of our engineering team.

We wish Mr. Ammar Pervez continued success and all the best in his future professional endeavors.

For OCEAN INTERNATIONAL CONTRACTING COMPANY

Authorized Signatory

Name: Roji Joseph

Designation: General Manager



# University of Poonch Rawalakot



*In recognition of the fulfillment of prescribed requirements, the degree of*

Bachelor of Science

in

Electrical Engineering

*is conferred upon*

AMMAR PERVEZ S/O MUHAMMAD PERVEZ

in the year 2021



A handwritten signature in black ink, appearing to be 'M. S.', written over a horizontal line.

Controller of Examinations

Dated 22-Dec-2021

A handwritten signature in blue ink, appearing to be 'M. S.', written over a horizontal line.

Vice-Chancellor

A handwritten signature in black ink, appearing to be 'M. S.', written over a horizontal line.

Chancellor

COMPUTERISED ONLY  
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not responsible for the  
contents of the documents.

01 MAR 2024



Controller of Examination  
University of Poonch  
Rawalakot

Verified

Checked by Akbar Saeed  
Assistant Director (Comp-III)

Rs.1000

HIGHER EDUCATION COMMISSION  
PAKISTAN

3393702

Muhammad Jamal  
Attestation Officer

29 FEB 2024

Higher Education Commission  
Government of Pakistan  
Islamabad



# Health Safety & Environment

ZODCON

SAMI

GHAFAARI

# Safety Recognition

is awarded to

Ammar Pervez

Site Engineer IQAMA # 2580478895

For his contribution towards Health, Safety & Environment to Project Standards and Procedures for the SLIC-SAMI Land Industrial Complex, Al Kharj, Saudi Arabia

*Given on October 30, 2025*

  
Walter D. Castillo  
GHAFARI HSE Manager

  
Saba Alkthar  
ZODCON HSE Manager