



# MAHAZ BIN KHALID

## ELECTRICAL PROJECT ENGINEER

- Registered with SCE & PEC
- NEOM Approved



NEOM SAUDI ARABIA



+966535191272



[engrmahaz2023@gmail.com](mailto:engrmahaz2023@gmail.com)



Valid Driving License

Electrical Project Engineer with 7 years of professional experience in EPC projects. Assignments include planning Engineering Construction, Installation, Quality Assurance/Quality Control, Testing and Commissioning, Monitoring, Controlling and project execution. I have a Strong communication and interpersonal skills, with the ability to work effectively in a team environment. Familiar with electrical codes and regulations. Passionate about driving innovation and improving system performance. Seeking a position to apply my technical skills and knowledge to develop innovative solutions and contribute to the growth of a dynamic organization. Currently, I am working with **TAMIMI PEB** on the Professional Village NEOM project in NEOM, Saudi Arabia, collaborating with key stakeholders including Tamimi PEB, NEOM, and AECOM. Previously, at **MESMACK** Engineering & Construction in Jubail as Site Engineer my responsibilities are Electrical system design review, execution, and compliance verification. My earlier roles with **SEPCOIII** Abu Dahbi as a Site Electrical Engineer further strengthened my capabilities in site supervision, execution, meeting Deadline, inspection documentation, and regulatory compliance. Across all roles, I have demonstrated a consistent commitment to quality assurance, safety, and technical excellence in electrical engineering within construction project.

## Professional Experience (07 years)

### 1-ELECTRICAL ENGINEER

Oct 2023 – Present

#### TAMIMI PEB

**Project: Professional Village-Site F-5040 Units**

**Consultant: AECOM/DAR-AL-RIYADH**

**Client: NEOM**



**AECOM**



#### Project Planning & coordination

- Review engineering plans, drawings, and specifications.
- Provide technical support and guidance to team members.
- Ensure compliance with relevant codes, standards, and regulations.
- Assist with selecting and managing vendors and subcontractors.
- Review technical submissions and vendor documentation.
- Implement quality control procedures and standards.
- Conduct inspections and tests to verify workmanship and materials.
- Conducting daily project planning to guarantee the punctual and cost-effective completion of tasks, emphasizing the prioritization of quality and continuous improvement.
- Managing subcontractors and participating in invoice verification process (IPC).

#### Technical Oversight

- Proficient in the installation of GENERATOR, TRANSFORMER, SWITCHGEAR, PSS, SMDBs AND DBs.
- Experienced in the INSTALLATION of bus bars, Circuit Breakers and safety panels for HVAC Systems.
- Competent in wiring routing, design, estimation and load balancing.
- Overseeing the implementation of Fire Alarm Systems (BPS, FACP, and MFACP), Integrated Building Management Systems (IBMS), CCTV systems and Public Address Systems, Networking and security items.
- Successfully managed thorough project documentation, ensuring the timely submission of Inspection requests, MIRs, Rate Analysis and Quotations.
- Preparation of shop and as-built drawings on AutoCAD in case of change in design.
- Coordinate with the procurement department to ensure the timely delivery of approved materials.
- Upheld adherence to safety protocols for protection against electrical hazards and guaranteed that deliverables met the standards and guidelines set by the client

#### Project Closure

- Coordinate final inspections and acceptance procedures.
- Ensure all documentation, as-builts, and manuals are handed over.

#### Testing and Commissioning

- Power & control cable IR Test, primary and secondary injection test
- Torque test on all bus bar joint point and Electrical Connections
- Testing and commissioning of Power / Distribution transformers at site.
- Polarity and Lux test
- Testing of fire Alarm System by Heat and smoke detector
- Ground resistance test for main grid and individual rod as well

## 2- SITE ELECTRICAL ENGINEER April 2022 – Sep 2023

*Mesmack construction & Development Company*

*Project: 028-C51 JTI (Jubail Technical Institute)*

*Consultant: BECHTEL*

*Client: ROYAL COMMISSION JUBAIL*



- Oversee and manage the installation of power and control cables, ensuring proper cable pulling techniques in trenches, ducts, and conduit systems.
- Verify adherence to cable routing plans, bend radius limits, and segregation requirements for power and control cables.
- Supervise the installation of earthing grids, equipment grounding, and bonding to meet electrical safety standards.
- Ensure low-resistance grounding paths are established for effective fault current dissipation.
- Manage and inspect the wiring of lighting circuits, power outlets, and other electrical loads according to single-line diagrams and control schematics.
- Ensure proper sizing, termination, and labeling of wires for both AC and DC systems.
- Enforce HSE standards and best practices across all phases of project execution.
- Conduct toolbox talks, hazard assessments, and ensure use of appropriate PPE and safe working procedures.
- Supervise the installation of ATS systems for uninterrupted power transfer between utility and backup sources.
- Prepare and maintain accurate as-built drawings, cable schedules, termination sheets, and test reports.
- Ensure all documentation complies with client and regulatory standards.
- Implement and monitor quality control procedures throughout installation and commissioning stages.
- Participate in inspections, punch list resolution, and project closeout processes

Perform and document various electrical tests, including:

- Insulation Resistance (IR) testing for cables and equipment.
- Polarity Tests to confirm correct wiring of circuits.
- Lux Level Testing to ensure lighting systems meet illumination standards.
- Voltage Drop Analysis to validate efficient power delivery.
- Load Testing to verify operational capacity and stability.

## 3- ELECTRICAL ENGINEER Aug 2020 – Jan 2022

*SEPCOIII ELECTRIC POWER CONSTRUCTION CO*

*Project: Taweela SWRO Project Abu Dhabi (200 MIGD)*

*Consultant: ILF CONSULTING*

*Client: ACWA POWER*



The Taweelah Project is the world's biggest IPP water desalination plant. It comprises 132KV GIS (SIEMENS), 4x110MVA HV TRAF0 (HYOSUNG), 12x35/45MVA MV TRAF0 (GLOBAL), MV Capacitor Banks, and 33KV (ABB), 11KV, Dry-type LV TRAF0, and LV Switchgear. The Flowserve drive system includes 11KV, 6.6KV, and 400V electric motors, and MV, LV VFDs, and MCC switchgear are part of the Flowserve drive control system. The Project also has a 40MW PV Power Plant as well.

### Key Responsibilities:

- 132/33KV, 33/11KV power Transformer, and 11/0.400KV dry type transformer installation
- Supervise the 33KV, 11KV, LV Switchgear, 36Mvar Capacitor Bank Installation
- 6.6KV and LV VFDs Installation
- 120V DC Distribution System and 220V UPS system and Battery Bank installation
- Supervise the installation of indoor and outdoor small power lighting system
- Experience in installation of 132KV GIS (SIEMENS) with SIEMENS engineers
- Installation of Earthing and Lightning system for building and equipment
- Cable tray and conduit installation for MV, LV, Control, and Communication Cables
- MV, LV, and Control cable laying on cable tray and cable pulling in underground ducts and cable termination
- Cathodic Protection system installation of underground pipelines and water storage tanks
- To prepare Method of Statement (MOS) and Inspection Test Plan (ITP) for electrical construction activities as per client requirement.
- Prepare and maintain accurate as-built drawings, cable schedules, termination sheets, and test reports.
- Ensure all documentation complies with client and regulatory standards.
- Enforce HSE standards and best practices across all phases of project execution.
- Coordinating with the design, QA/QC, and construction teams to resolve technical issues and non-conformances.

## 4- ELECTRICAL ENGINEER

Dec 2018 – May 2020



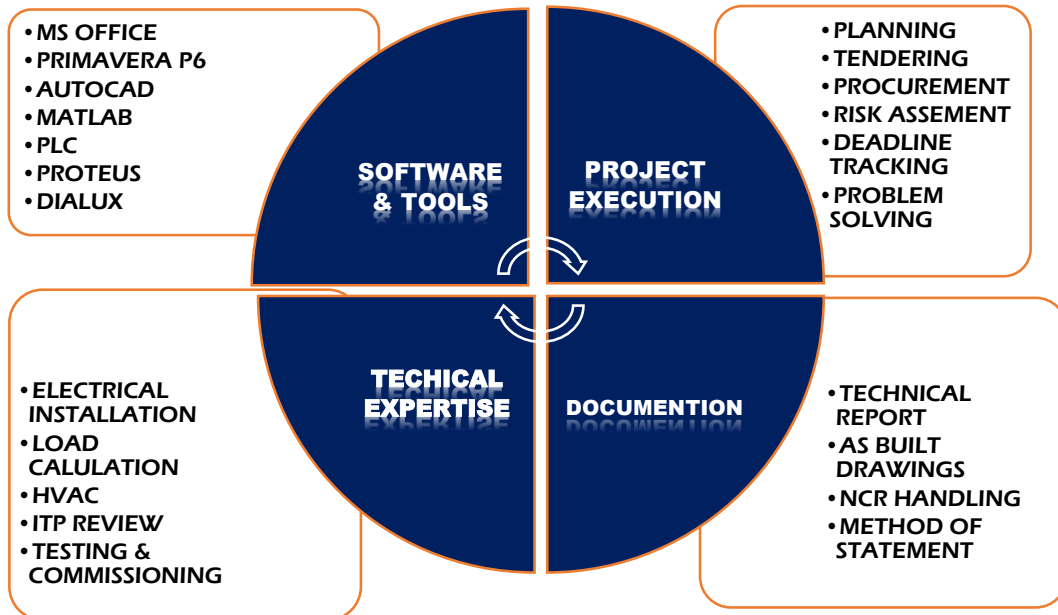
### GRACE AUTOMATION & ENGINEERING SERVICES

- Developed and maintained the Mixture Control System using PLCs, pneumatic valves, magnetic contactors, relays, and other automation components.
- Supported uninterrupted operations by automating processes with PLCs and ensuring controllers remained functional to minimize process disruptions.
- Contributed to the development and implementation of reliability optimization strategies for enhanced system performance.
- Provided engineering support for maintenance and operations, including troubleshooting, problem-solving, cost estimation.
- Programmed PLCs using ladder language (Siemens, Allen-Bradley, Mitsubishi, Fatek) and HMIs (Siemens, Weintek) for efficient process automation and monitoring

### EDUCATION & CERTIFICATION

- |  |  |                  |
|--|--|------------------|
| • <b>Bachelor of Science in Electrical Engineering</b><br><i>COMSATS University Pakistan</i>   |  | <b>2014-2018</b> |
| • <b>Certificate in Programmable Logic Control (PLC)</b><br><i>PITAC Lahore Pakistan</i>       |  | <b>2017</b>      |
| • <b>NFPA 70 E NAVIGATION WORK PLACE ELECTRICAL SAFETY</b><br><i>ALISON- CPD CERTIFIED</i>     |  | <b>2024</b>      |
| • <b>Applications &amp; Selection Of VRF Systems</b><br><i>SAUDI COUCIL OF ENGINEERS (SCE)</i> |  | <b>2025</b>      |
| • <b>Financial Modelling of Energy Projects</b><br><i>SAUDI COUCIL OF ENGINEERS (SCE)</i>      |  | <b>2025</b>      |
| • Generative AI Overview for Project Managers<br><i>PROJECT MANAGEMENT INSTITUTE (PMI)</i>     |  | <b>2025</b>      |

### SKILLS



### Personal Details

- |                           |                             |
|---------------------------|-----------------------------|
| • Nationality: Pakistani  | • Passport No.: BB0116502   |
| • Marital Status: Married | • Date of Birth: 12/12/1995 |

References: Available upon request.

Membership no.:1036909

عضوية رقم: 1036909

In accordance with the Regulations of Saudi Council of Engineers by Royal Decree M/36 Date 26/9/1423H and the Engineering Professions Practice Regulation by Royal Decree M/36 Date 19/4/1438 H. SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهن الهندسية الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولائحته التنفيذية فقد قررت الهيئة اعتماد:

**MAHAZ BIN KHALID MUHAMMAD KHALID KHAN**

**مهاز بن خالد محمد خالد خان**

Membership Category: Engineer

فئة العضوية: مهندس

Specialization: Electrical Engineering

التخصص: الهندسة الكهربائية

Membership Start Date: 6/2/2024

تاريخ بداية العضوية: 6/2/2024

This Certification is valid until: 02 June 2026

هذه الشهادة صالحة إلى تاريخ: 17 ذو الحجة 1447



الأمين العام Secretary General

م. عبدالمحسن بن ضاوي المجنوني

Serial No: 054502



Registration No: CHT/DDP-SP14-BEE-027/LHR

By the Authority of the Board of Governors

# COMSATS Institute of Information Technology

**MAHAZ BIN KHALID s/o MUHAMMAD KHALID KHAN**

of

**Lahore Campus**

has been conferred upon the degree of

**Bachelor of Science in Electrical (Electronics) Engineering**

Given on this Fifteenth day of March two thousand and Eighteen at Islamabad

Date of Issuance: 15th March 2018

  
Controller of Examinations

  
Rector

  
Registrar

1/7/25, 11:21 AM

Aconex

Oussama Kewidah  
AECOM

Final (WF-126301) 14-4800000710/000-IN-Project Management - IFR  
WORKFLOW TRANSMITTAL

09/07/2024  
ACM-WTRAN-234961

14 Outer Regions

Riyadh, KSA  
Riyadh  
Saudi Arabia



MAIL TYPE  
Workflow Transmittal



MAIL NUMBER  
ACM-WTRAN-234961

REFERENCE NUMBER  
ACM-WTRAN-234961

Final (WF-126301) 14-4800000710/000-IN-Project Management - IFR

From: Mr Oussama Kewidah - AECOM  
To (2): Neom Pmc Region 14 - AECOM (+1 more...)  
Cc (10): Mr Ayman Negm - AECOM (+9 more...)  
Sent: Tuesday, 9 July 2024 8:21:21 AM AST (GMT +03:00)  
Status: N/A

DOCUMENT ATTACHMENTS (2)

File	Document No	Revision	Revision Date	Title	Status
	14-594000-4800000710-TPE-HRM-CRS-000237	03	05/06/2024	4800000710/000 - D&C of Professional Accommodation Village-Site F-5040 Units / CRS of Curriculum Vitae of MAHAZ BIN KHALID for Electrical Engineer	A - Work May Proceed
	14-594000-4800000710-TPE-HRM-CVS-000253	03	05/06/2024	4800000710/000 - D&C of Professional Accommodation Village-Site F-5040 Units/ Curriculum Vitae of MAHAZ BIN KHALID for Electrical Engineer	A - Work May Proceed

1/7/25, 11:21 AM

Aconex

MESSAGE

Workflow Review History

The attached documents have completed the "14-480000710/000-IN-Project Management - IFR" workflow with the following results :

*This transmittal was automatically generated.*

Doc No	Step	Participant	Review Outcome	Comments
14-594000-480000710-TPE-HRM-CRS-000237	NEOM/AECOM_Review	O Kewidah	A - Work May Proceed	..
14-594000-480000710-TPE-HRM-CVS-000253	NEOM/AECOM_Review	O Kewidah	A - Work May Proceed	.



# CERTIFICATE OF APPRECIATION



دار الرياض  
DAR AL RIYADH



IS PRESENTED TO

## Mahaz Bin Khalid

Project Electrical Engineer  
TAMIMI GLOBAL CO. LIMITED

ID: 2553235702

*In Recognition of dedication, diligence and commitment to Upholding Safety Standards and Regulations have been Outstanding. Your Valuable Efforts have Significantly contributed to our safety goals, and Achieving a milestone of 6 Million Safe Man Hours Without LTI. We extend our Heartfelt thanks for your contributions and wish you continued success in all your future Endeavors.*

*Project: NEOM Professional Accommodation Village Site - F (4800000710)*

  
ZAFAR KHAN  
PROJECT MANAGER  
Tamimi Global Co. Ltd.

Qayal, NEOM  
January 8, 2025

Cert No: NPV-TPEB-70

**AECOM** Imagine it  
Delivered.



# Certificate of Achievement

This Certificate is Awarded to

**MAHAZ BIN KHALID**

Electrical Engineer

ID# 2553235702

**TAMIMI Global Company Limited**

This certificate of Appreciation is recognition of your Outstanding and Enduring Commitment to your Department. We thank you for your Service, leadership Skills and Innovative Ideas at our Project.

**Project : D&C of Professional Accommodation Village - Site F - 5040 Units -4800000710**

KEVIN FOX

AECOM SR. PROJECT MANAGER

Issued on: 03 June 2024

NEOM نوم

MOHAMMED AL SALEEM

PROJECT MANAGER – NEOM OUTER REGION



## EXPERIENCE CERTIFICATE

**Dated:** August 10, 2025

### To Whom It May Concern

This is to certify that Mr. **Mahaz Bin Khalid** bearing Iqama No. **2553235702** has been working at Tamimi PEB from Oct 2023 to Till date as a Electrical Project Engineer.

Mr. Mahaz has demonstrated exceptional professionalism, dedication, and commitment to his work. His performance during this tenure was outstanding, and he consistently adhered to company policies and upheld ethical standards. I wish him the very best in his future endeavors.

Sincerely,

Amir Yar

General Manager,

Tamimi Pre-Engineered Buildings Factory Co

Email: [amiryar@al-tamimi.com](mailto:amiryar@al-tamimi.com)

P.O.Box 172, Postal Code 31411, Dammam

Kingdom of Saudi Arabia.




## EXPERIENCE CERTIFICATE

Date: August 18, 2023.

To Whom It May Concern

This is to certify that *MR. Mahaz Bin Khalid* has been working at Mesmack Construction & Development Co. Ltd. From April 2022 to Aug 2023 as Electrical Engineer. He was working at Project 028-CSI JTI (Jubail Technical Institute).

We found him to be well motivated, duty bound and a highly committed team player with strong conceptual knowledge. I wish him all the best in his future.

  
ENGR. MAHER SADIQ  
Project Manager





سيبكو ٣ الإنشاءات الطاقة الكهربائية المحدودة - أبو ظبي  
SEPCOIII ELECTRIC POWER CONSTRUCTION CO. LTD - ABU DHABI

العنوان: جزيرة أبو ظبي، غرب ٢٠، ٢٠١٥ مبنى السيد مشوي ياعد بيت المشوي  
ADD: Abu Dhabi Island, West 2-15, Al Sayed Mashwi Yaed Byat Al Mashwi

## Work Experience Certificate

*This is to certify that Mr. Mahaz Bin Khalid holder of Pakistani  
Passport #: BB0116501 was employed by SEPCOIII ELECTRIC POWER  
CONSTRUCTION CO.LTD, Taweeleh SWRO PROJECT- Abu Dhabi.*

*In the capacity of Electrical Engineer from Aug 2020 to Jan 2022.*

*During his tenure with SEPCOIII ELECTRIC POWER CONSTRUCTION CO.LTD, we  
found him professional.*

*Nevertheless, we wish him all the best for future endeavors.*

Regards;

Liu Wenwen

HR MANAGER



# GRACE AUTOMATION

& Engineering Services

Passion That Builds Excellence



+92319-7321315



razasahu@graceautomation.tech



3C, Phase 1, Wapda Town, Multan.

## EXPERIENCE CERTIFICATE

### To Whom It May Concern,

This letter serves as a formal recommendation for **Mr. Mahaz Bin Khalid** who has worked at Grace Automation and Engineering Services as an **Elec Engineer** from **DEC 2018** to **MAY 2020**.

During their tenure at our organization, Mahaz Bin Khalid has demonstrated excellent technical skills and has contributed significantly to the success of our projects. Their ability to quickly identify and resolve issues has been invaluable to our team. Their ability to work collaboratively and effectively in a team environment has been a significant contributor to the success of our projects.

We believe that **Mahaz Bin Khalid** would be an excellent addition to any organization that values technical excellence, collaboration, and strong project management skills. They have been an integral member of our team, and we are grateful for their contributions to our organization.

Sincerely,

MUHAMMAD RAZA KHALID

CEO

+92319-7321315

Saudi Council of Engineers is hereby  
granted this certificate to

MAHAZ BIN KHALID MUHAMMAD KHALID KHAN

for attending

Applications and Selection of VRF Systems

يسر الهيئة السعودية للمهندسين  
أن تمنح هذه الشهادة إلى

مهاز بن خالد محمد خالد خان

لحضور ندوة

Applications and Selection of VRF Systems

Duration: 1

عدد الساعات: 1

Date: 29/04/2025

في تاريخ: 01/11/1446



Saudi Council of Engineers is hereby  
granted this certificate to

MAHAZ BIN KHALID MUHAMMAD KHALID KHAN

for attending

Financial Modelling of Energy Projects

يسر الهيئة السعودية للمهندسين  
أن تمنح هذه الشهادة إلى

مهاز بن خالد محمد خالد خان

لحضور ندوة

Financial Modelling of Energy Projects

Duration: 1

عدد الساعات: 1

Date: 06/05/2025

في تاريخ: 08/11/1446





Reg No: PLC-667/17



Ministry of Industries & Production  
Government of Pakistan

S.No. 022743

**Pakistan Industrial Technical Assistance Centre**  
234 - Ferozpur Road, Lahore-54600, Pakistan.  
**This is to Certify that**

Mr./Ms. Mahaz Bin Khalid

S/o, D/o, Mr. Muhammad Khalid Khan

of Spring Field College, By-Pass Road, Bagh A.J.K.

Has successfully completed the following training course  
Programmable Logic Controllers (PLCs)

From 10-07-2017 To 04-08-2017

Grade "B+"



  
Sr. Manager (Training)

  
Director General

Issued under our hands and seal, this 24 day of August, 2017



4th January, 2025

Date of Award



CERTIFICATE

**MAHAZ BIN KHALID**

has received this award for successfully  
completing the course:

**NFPA 70E (2024) - Navigating Workplace  
Electrical Safety & Essential Updates**

To verify:



6483-45218154

<https://alison.com/certification/check/c95b08fbc9>

*Maeva Richardson*

Director of Certification



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Certificate of Course Completion

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# **Generative AI Overview for Project Managers**

Presented to:

**MAHAZ BIN KHALID**

07 July 2025

نيوم NEOM



Mahaz bin Khan

Electrical Engineer

Tamimi Global

Workforce ID 46153622

CONTRACTOR



**REGISTERED ENGINEER**

**ENGR MAHAZ DIN KHALID**

**Reg No: ELECT/67777**

**Expiry: DECEMBER 31, 2022**

**Address: SPRING FIELD COLLEGE BY  
PASS ROAD BAGH AJK**



**Signature of Holder**



**Registrar**