

TAHSEEN AHMED

ELECTRICAL ENGINEER

✉ tahseenahmed004@gmail.com | ☎ +966 532701354

📍 Makkah, KSA

OBJECTIVE:

Electrical Engineer with over **12 years'** experience in installation, testing, commissioning, and maintenance of LV, MV, and HV electrical systems. Successfully delivered major projects for Saudi Aramco and NEOM. Skilled in troubleshooting, ensuring compliance with safety standards, and leading cross-functional teams for timely project completion.

PROFESSIONAL EXPERIENCE:

ELECTRICAL ENGINEER | AL-YAMAMA CONTRACTING CO.

JUL-2023 to till now

PROJECTS DETAIL

- 1- MAKKAH DEMOLISHING PROJECT
CONSULTANT : DAR
- 2- SAFANIYAH Site Preparation & TCF Camp
CLIENT : SAUDI ARAMCO
- 3- NEOM PROJECT: Lot 9 Spine Earthwork and Logistic Park.
CONSULTANT : BECHTEL

RESPONSIBILITIES

- Installation of switchgear, power panels, communication panels, ACDB's, DCDB's, transformers and generators.
- Installation of LV Panels, ATS, MTS and motor control panels.
- Installation of Solar Light poles, Hoarding lights, wheel washer Panels.
- Inspection of generators, panels and tower lights.
- Reviewed equipment specifications and make required modification accordingly.
- Provide engineering input to ensuring compliance with standards and procedures.
- Daily, weekly and monthly checklist document preparations.
- Undertaking testing and commissioning activities in line with the specified site requirements.
- Completing scheduled maintenance, solving breakdowns, performing repair, supervising technical staff, adhering to health and safety legislations, ordering supplies, carrying out inspections.

ELECTRICAL ENGINEER | First Net Gulf

DEC-2022 to JUNE-2023

RESPONSIBILITIES

- Installation of power systems, switchgear and panels modifications and troubleshooting
- Creating and carrying out test procedures.
- Testing and commissioning Processed building administration area HVAC lighting and control building systems.

- Testing Circuit breakers Contactors & time testing, CT and VT Transformers.
- Prepare the testing and commissioning plan and strategy, verify interfaces and analyze assemblies, document testing and analysis results, track Test and Commissioning test results and retest status.
- Coordinate with the Technical solution leader and installation team to solve technical issue and fulfill client requirements.
- Ensure that Handing over process is defined and followed systematically and continuously reviewed and improved.
- Solid understanding of the function and application of substation electrical and control equipment.
- Ensuring plans meet the client's specifications.
- Ensuring procedures are carried out safely.
- Ensuring that workflows, processes, and products comply with safety regulations.
- Ensuring that equipment works to its specification.
- Experience in Ground Grid Analysis, Lightning Protection and Electrical Equipment Specifications.
- Perform equipment failure reports and make recommendations as needed.
- Provide engineering input to ensuring compliance with standards and procedures.
- Ability to troubleshoot equipment and determine root causes of performance deficiencies.
- Responsible for co-ordination with other engineering department for smooth and timely execution of work.

ELECTRICAL ENGINEER | AI-MASOOM ELECTRO MECHANICAL ENGINEERING

AUG, 2018-SEP, 2022

RESPONSIBILITIES

Comprehensive Transformer Testing:

- Conducted wide range of transformer tests during pre-delivery, on-site, and annual inspections and shutdowns.

Make: SHANDONG TAKAI CHINA (160 MVA Auto Transformer), CHINT CHINA (31.5/40 MVA), TBEA CHINA (20/26 MVA), ELECTROPUTERE ROMANIA (20/26 MVA), IRAN TRANSFO IRAN (20/26 MVA), PEL PAKISTAN (20/26 MVA), ELPROM BELGARIA (10/13 MVA).

Grid System Protection and Instrumentation:

- Testing and commissioning of numerical relays including OC&EF, differential and Distance relays
Make: SIEMENS SIPROTECH 7UT61 & 7SJ80, SCHNEIDER ELECTRIC MICOM P123, ABB REF 615, SEL-787 etc.

Performed testing for other substation equipment, including:

- HV Circuit Breakers: Contact Resistance test, Timing Tests (opening and closing times), Functional Testing, Dew point, purity test
Make: HYOSUNG, SIEYUAN, and AREVA, SHANDONG TAIKAI. Etc.
- Current Transformers CT: Polarity Test, Ratio Test, Capacitance & Dissipation Test, Insulation & Winding Resistance Test and Saturation Test
Make: HYOSUNG, SIEYUAN, and AREVA, SHANDONG TAIKAI. Etc.
- Voltage Transformer VT: Polarity Test, Ratio Test, Insulation Resistance Test, Power frequency withstand test
Bus Bars: Thermovision Scanning to identify hot spots.
- Substation Earth Integrity & Resistance Testing: Conduct tests to ensure the integrity of the grounding system.

Documentation:

- Maintained detailed records of all maintenance activities, inspections, and repairs, facilitating compliance audits and improving operational transparency

Training and Safety Protocols:

- Trained personnel on safety procedures and best practices for substation maintenance, enhancing team awareness and reducing the risk of accidents.
- Implemented safety protocols during maintenance activities, ensuring adherence to regulatory standards and minimizing hazards.

FIELD ENGINEER | WATEEN TELECOM PVT, LTD

JUNE, 2015-JUL, 2018

PROJECT DETAIL

HFC DEPLOYMENT PROJECT DHA, LHR

RESPONSIBILITIES

- Engineer, DEPLOYMENT Telecom project DHA
- Electrical work (HVAC) at virtual hub.
- Installation of power panels, CIRCUIT breakers, POWER supplies AC to DC, for virtual hub and outside network cabinets.
- Installation of UPS, BATTERIES for power backups.
- Installation generator for virtual hub.
- Energy meter for single phase supply and three phase supply.
- Observed methods and installations, inspection and testing processes to maintain consistent progress.

ELECTRICAL ENGINEER | IKAN PVT, LTD

NOV, 2012-APR, 2015

RESPONSIBILITIES

- Installation of different type of panels like switchgears, control panels, communication panel, ACDB's, DCDB's and transformers.
- Ventilation system with electrical required panels, cables at substations.
- Have experience to work on installation & tests of several electrical equipment such as, switches, circuit breakers and switchboard, and equipment circuitry.
- Terminations, cable laying and cable testing.
- Work on construction of substation, generators, different drives of the machines and controlling systems.
- Deals with energy meters, power factor meters, maximum load indication and many other instrument used in industry.
- Ensuring that regular inspection request from the consultant are complied with applied consistently.
- Supervise and implement the installation of all electrical activities (MV, LV, and low current system installation, testing, and commissioning).
- Follow up the activities and new problems during work and provide solutions.
- Coordinated materials delivery and organization to maintain smooth flow of work.
- Supervised construction and pre-commissioning of electrical rooms and substations.
- Read and interpreted blueprints, diagrams and schematics to correctly coordinate work.

EDUCATION

- **Bachelor of Science In Electrical Engineering (BSEE)**
- **Diploma of Associate Engineering (DAE)**

Skills and Abilities

- Omicron CPC 100
- Omicron CT analyzer
- Hipot tester
- Earth resistance tester (Meggar)
- Micro Ohm meter
- MATLAB 2022
- Proficient in Ms office (word, excel ,power point)

THE UNIVERSITY OF LAHORE

Registration No. EE01083004
Session. Fall 2008

The Board of Governors of the University of Lahore on the recommendation of the Faculty of Engineering & Technology and by virtue of the authority bestowed in them by law, have this day conferred upon

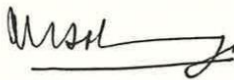
Tahseen Ahmad

The degree of

Bachelor of Science in Electrical Engineering

And have granted the Rights, Privileges and Honours pertaining.


Given at Lahore, in Pakistan, this Fourth day of December,
two Thousand and thirteen.



Rector



Chairman, Board of Governors


Registrar
Controller of Examinations

10-560715

No. 63563



Roll No. 61359

Punjab Board of Technical Education Lahore

First Annual Examination, 2007

Certified that TAHSEEN AHMAD
son/daughter of RANA SHABIR HUSSAIN
Registration No 203-1007-03258 of the
SHARIF INSTITUTE OF TECHNOLOGY, LAHORE

has satisfactorily completed the THREE YEAR Programme of Instructions in
ELECTRICAL TECHNOLOGY

and has passed the Examination By Parts securing 2255 marks
out of 3550 and has been placed in "B" Grade



In recognition thereof this

Diploma of Associate Engineer

is awarded at Lahore on the March 31, 2008




Secretary

This Diploma is issued without alteration or erasure

Membership no.: 1160570

عضوية رقم، 1160570

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:

تحسين احمد حسين

Membership Category: Engineer

Specialization: Electrical Engineering

Membership Start Date: 8/1/2025

تحسين احمد حسين

هبة العضوية: مهندس

التخصص: الهندسة الكهربائية

تاريخ بداية العضوية: 8/1/2025

This Certification is valid until: 01 August 2026

هذه الشهادة صالحة إلى تاريخ 17 صفر 1448



الأمين العام Secretary General

م. عبدالمحسن بن ضاوي المجنوني



Digitally signed

10 Spine Infrastructure
 Spine Infrastructure
 NEOM
 Saudi Arabia



MAIL TYPE
 Workflow Transmittal

MAIL NUMBER
 BEC-WTRAN-355231

REFERENCE NUMBER
 BEC-WTRAN-355231

Final (WF-158956) 10-603120-4200000025-YCC-HRM-CVS-000016 WO-015 - Spine Earthworks Lot 9 Revised Alignment CH 65+500 to CH 71+900 - CV of Tahseen Ahmed - Electrical Engineer

From: Bechtel Document Management - Bechtel KSA
 To (2): 4200000025 DCC Al Yamama - AL YAMAMA COMPANY KSA (+1 more...)
 Cc (3): NEOM Quality & Excellence Document Control - NEOM - Engineering & Technical Services Dept (+2 more...)
 Sent: Saturday, 27 January 2024 11:19:53 AM AST (GMT +03:00)
 Status: N/A

DOCUMENT ATTACHMENTS (2)

(0 selected)

File	Document No	Revision	Revision Date	Title	Status
	10-603120-4200000025-YCC-HRM-CRS-000016	02	30/12/2023	WO-015 - Spine Earthworks Lot 9 Revised Alignment CH 65+500 to CH 71+900 - CV of Tahseen Ahmed - Electrical Engineer_CRS	A - Work May Proceed
	10-603120-4200000025-YCC-HRM-CVS-000016	02	30/12/2023	WO-015 - Spine Earthworks Lot 9 Revised Alignment CH 65+500 to CH 71+900 - CV of Tahseen Ahmed - Electrical Engineer	A - Work May Proceed

MESSAGE

Workflow Review History

The attached documents have completed the "10-603120-4200000025-YCC-HRM-CVS-000016 WO-015 - Spine Earthworks Lot 9 Revised Alignment CH 65+500 to CH 71+900 - CV of Tahseen Ahmed - Electrical Engineer" workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
10-603120-4200000025-YCC-HRM-CVS-000016	EPM DCC	B Document Management	A - Work May Proceed	

10-603120-4200000025-YCC-HRM-CRS-000016	EPM DCC	B Document Management	A - Work May Proceed
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First Net Gulf Co. Limited.

Head Office

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Office No. 205, Al Sulaymaniyah, Riyadh, 12233
Phone: +966-540222904**



TO WHOM IT MAY CONCERN

This is certify that **MR.TAHSEEN AHMED** son of **RANA SHABBIR HUSSAIN** has been working as **ELECTRICAL ENGINEER** in "FIRST NET GULF CO.LTD" from **DEC, 2022 to JUNE, 2023**.He was employed as fulltime and dedicated for Electrical work.

I wish him every success in life.



Website: www.netgulf.net

Thank you for Choosing FIRST NET GULF

Email: Abdulhaseeb@netgulf.net

Ref# Lt/18/12/0421

Date: Dec 2018

To Whom it May Concern

This is to certify that **Mr. Tahseen Ahmen S/O Mr.Rana Shabbir Hussain** having CNIC # **35404-6089186-1** worked with our organization under the title of **Electrical Engineer** from August 2018 to **Septmber 2022** . We found him gentleman fully committed to his job and totally sincere toward his company.

Regards

Umair Hussain

HR Manager





THE OUTSOURCE RESOURCE (PVT.) LTD.
Management Services Company

198 -D/1 Model Town, Lahore.
Tel: + 92 -42 -35926731-33
E-mail: info@tor.com.pk

August 28, 2019

To Whom It May Concern

This is to certify that our employee **Mr. Tehseen Ahmad** having CNIC No. **35404-6086186-1** has been working with our Principal M/s **Wateen Telecom Limited** as a **Field Engineer** in **Network Operations** department from **October 29, 2013** to **June 30, 2018**. He performed his duties very efficiently and to our full satisfaction. We wish him all the best in his future endeavors.

For The Outsource Resource (Pvt.) Ltd.

The Outsource
Resource (Pvt) Ltd.
198-D-1, Model Town, Lahore



IKAN/Exp/Admin/133/2014

Dated: 25/12/2014

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Tahseen Ahmed S/o Mr. Rana Shabbir Hussain**, bearing CNIC **35404-6089186-1**

Has been associated with us as a **Electrical Supervisor** with effective from July 2014, to December 2014, On **15 MW CFB Project ICI Polyester Sheikhpura**.

During his stay with IKAN Engineering services (Pvt.) Ltd. he proved himself as a dedicated and responsible professional towards his assignment.

We wish him every success in his future endeavors.

Regard's



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