

# JOSEPH NG'ANG'A NGUGI



+254 724 654948 | +254  
797 110060



josengugi10@gmail.com



1 Oasis Street, Nairobi

[Linkedin.com/in/josengugi](https://www.linkedin.com/in/josengugi)

## Professional Summary

I aim to be able to work and grow professionally as an associate engineer in a stable organization where I can use my professional experience in troubleshooting electrical equipment.

## Work Experience

### Supervisor Solar

Master Power Limited Company Kenya October 2023 – To date

- Conducted site surveys and assessments to determine optimal system placement and design.
- Performed routine maintenance and troubleshooting on existing solar systems, including panel cleaning, inverter checks, and wiring inspections.
- Diagnosed and repaired system malfunctions, including electrical faults, inverter issues, and panel damage.
- Ensured compliance with all relevant safety regulations and building codes.
- Maintained accurate records of installations, maintenance, and repairs.

### Assistant Engineer

Shutdown Maintenance Service (W.L.L) Qatar January 2021 – June 2023

- Assisting senior engineers in planning, designing, and overseeing construction projects.
- Collaborating with team members to develop project schedules and budgets.
- Inspecting construction sites to monitor progress and ensure compliance with design specifications and safety standards.
- assisting with the procurement of materials and equipment needed for projects.
- Conducting tests and experiments to evaluate the performance of materials and components.
- Providing technical support and troubleshooting assistance to project teams.
- Maintaining accurate records and documentation related to engineering projects.

### BMS Operator

- One Qreal Trading Cont. Service W.L.L, Qatar November 2018 – December 2020
- Monitor the repairs of the BMS-controlled systems carried out by the service provider throughout the site Carry out routine checks for correct operation and conduct troubleshooting and minor repairs of all control equipment as directed by site management and Daily/Weekly Servicing Plan.
- Monitor the operation of the HVAC and Fire systems using the BMS to monitor performance.
- Adjust variables and provide adjustments as required to ensure systems are operating correctly within parameters
- Monitor and record values of HVAC and other systems controlled by the BMS to build up a database of records to provide data for energy efficiency improvement. Personally accountable for ensuring all work is carried out in a safe and environmentally responsible manner.
- Mandatory to promptly report all accidents, injuries, and unsafe working conditions or practices.

### MEP Supervisor

Forceco Trading & Contracting Company, Qatar December 2016 – September 2018

- Manage a team of 10 maintenance technicians and ensure that all maintenance requests are completed promptly.
- Perform regular maintenance inspections and ensure that all building systems function properly.
- Develop and implement preventative maintenance plans to reduce downtime and improve efficiency.
- Performed regular maintenance tasks such as HVAC, plumbing, electrical, and carpentry repairs.
- Provided exceptional customer service and responded quickly to maintenance requests.
- Coordinated with vendors and contractors to ensure that all maintenance projects were completed on time and within budget

### **Electrician| Hvac**

Centurion Hotel, Kenya January 2016 – September 2016

- Installs meter bases and wires new electrical panels to replace outdated or low amperage panels
- Designs and installs new systems to replace obsolete residential equipment and systems resulting in an average of 20% savings on energy costs
- Creates accurate estimates and work proposals for residential wiring projects and completes work efficiently while ensuring the highest possible quality
- Maintains project safety standards while performing electrical work and partners with outside contractors to minimize downtime or rework

### **Electrician**

Atlas Kenya Limited, Kenya January 2015 – December 2015

- Installs meter bases and wires new electrical panels to replace outdated or low amperage panels
- Designs and installs new systems to replace obsolete residential equipment and systems resulting in an average of 20% savings on energy costs
- Creates accurate estimates and work proposals for residential wiring projects and completes work efficiently while ensuring the highest possible quality
- Maintains project safety standards while performing electrical work and partners with outside contractors to minimize downtime or rework

### **Education**

**Certificate in Electrical & Electronics Engineering**, January/2013 – January/2015

**Electrical Wiremen Grade 3 & 2**, January/2013 – January/2015

Nyaga Youth Polytechnic, Nairobi, Kenya

**Refrigeration and Air Conditioning Grade 3**, January/2013 – January/2015

Nairobi Technical College, Nairobi, Kenya

**High School Certificate**, January/2009 – November/2012

Juja Secondary School

### Technical Skills

- **Electrical Systems:** Installation, maintenance, troubleshooting, and repair of electrical systems in residential, commercial, and industrial settings. Expertise in wiring, panel upgrades, and electrical safety standards.
- **Solar PV Systems:** Site surveys, system design, installation, maintenance, troubleshooting, and repair of solar photovoltaic systems. Knowledge of inverter functionality, panel diagnostics, and performance monitoring.
- **Building Management Systems (BMS):** Operation, monitoring, and optimization of HVAC, fire, and other building systems using BMS software. Data analysis for energy efficiency improvements.
- **MEP Systems:** Understanding of mechanical, electrical, and plumbing systems. Experience in coordinating maintenance activities for MEP equipment.
- **Troubleshooting & Diagnostics:** Strong analytical and problem-solving skills to diagnose and resolve technical issues in electrical and mechanical systems.
- **Preventative Maintenance:** Development and implementation of preventative maintenance plans to minimize downtime and optimize equipment performance.

### Digital Skills

- **BMS Software:** Proficient in using BMS software for system monitoring, control, and data analysis.
- **Data Analysis:** Ability to analyze data from BMS and other systems to identify trends, optimize performance, and improve energy efficiency.
- **Microsoft Office Suite:** Competent in using Microsoft Word, Excel, and PowerPoint for documentation, reporting, and presentations.
- **Technical Documentation:** Ability to create and maintain accurate records of installations, maintenance, and repairs.
- **Communication & Collaboration Tools:** Experience in using communication and collaboration tools for effective teamwork and project management.

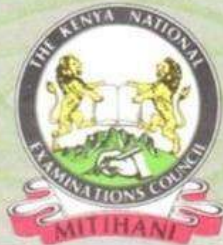
### Awards or Certifications

Emergency response team

### Reference

Available upon request

# The Kenya National Examinations Council



## Artisan Certificate (NVCET)

IN TECHNICAL, VOCATIONAL, ENTREPRENEURSHIP AND TRAINING (TVET)

This is to certify that the candidate named below sat for the National Vocational Certificate in Entrepreneurship and Training examination in the levels named below and was awarded this Option I Artisan Certificate. The candidate attained the awards shown below:

0601/1 ELECTRICAL & ELECTRONICS ENGINEERING I

NGUGI JOSEPH NG'ANG'A

INDEX NO. 232101/023 \*M\*

232101 NYAGA YOUTH POLYTECHNIC

SUBJECT

101 GENERAL EDUCATION LEVEL I

102 ELECTRICAL & ELECTRONICS TRADE THEORY LEVEL I

103 ELECTRICAL & ELECTRONICS TRADE PRACTICE LEVEL I

104 PHASE TEST I

GRADE

1 (ONE)

4 (FOUR)

2 (TWO)

1 (ONE)

SUBJECT NAMED (FOUR)

PAPER PASSED (FOUR)

OVERALL RESULT: PASS-W-DISTINCTION

NOVEMBER 2014 SERIES

DATE PRINTED: 13-Oct-2015

Secretary

Kenya National Examinations Council



Chairman

Kenya National Examinations Council

This is a secure document using special paper and inks. Please hold it up to the light to verify that the word MITIHANI and the "GENUINE" embedded thread can be seen through the paper. This document is not valid without a hologram.

A/NVCET 0006502



(See overleaf for conditions of issue)





TT3/RAC/14/ 0017012



MINISTRY OF LABOUR  
NATIONAL INDUSTRIAL TRAINING AUTHORITY  
**NATIONAL TRADE TEST CERTIFICATE**  
**GRADE III**



201446672

This is to certify that **JOSEPH NG'ANG'A NGUGI**  
whose photograph appears on this certificate has passed a  
**REFRIGERATION AND AIR CONDITIONING GRADE III Trade Test.**

Tested at NAIROBI TECHNICAL TRAINING INSTITUTE testing centre, DECEMBER  
2014.

Registration No. 201446672

Trade Testing Officer

Director General - NITA



TT2/EWM/14/ 0008594



MINISTRY OF LABOUR  
NATIONAL INDUSTRIAL TRAINING AUTHORITY  
**NATIONAL TRADE TEST CERTIFICATE**  
**GRADE II**

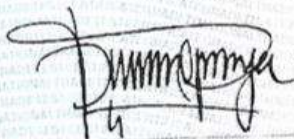


20142337


This is to certify that **JOSEPH NG'ANG'A NGUGI**  
whose photograph appears on this certificate has passed a  
**ELECTRICAL WIREMAN GRADE II Trade Test.**

Tested at NYAGA YOUTH POLYTECHNIC testing centre, AUGUST 2014.

Registration No. 20142337

  
Fh

Trade Testing Officer

  
B. S. Gei

Director General - NITA







MINISTRY OF LABOUR



NATIONAL INDUSTRIAL TRAINING AUTHORITY  
**NATIONAL TRADE TEST CERTIFICATE**  
**GRADE III**



201334486

This is to certify that **JOSEPH NG'ANG'A NGUGI**  
whose photograph appears on this certificate has passed a  
**ELECTRICAL WIREMAN GRADE III Trade Test.**

Tested at NYAGA YOUTH POLYTECHNIC testing centre, DECEMBER  
2013.

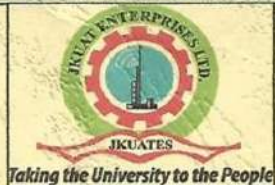
Registration No. 201334486

Trade Testing Officer

Director General - NITA







0077/13

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE  
AND TECHNOLOGY  
(JKUAT ENTERPRISES LIMITED)**

This is to certify that

**Joseph Ng`ang`a Ngugi**

Has successfully completed a course in

**COMPUTER PACKAGES**

- ♦ Introduction to computer
- ♦ Internet, Emailing & MS Outlook
- ♦ Data Security & Control & ICT Legislature
- ♦ Microsoft Word
- ♦ Database (Microsoft Access & SQL)
- ♦ Microsoft Excel (Spread sheet)
- ♦ Desk Top Publishing (publisher)
- ♦ Microsoft Power Point

**Has also satisfied all the requirements of  
the course and has attained an overall  
grade of**

***Distinction***

***January - February 2013***

Head of ICT,  
JKUATES

Managing Director,  
JKUATES



# CERTIFICATE OF TRAINING

THIS CERTIFICATE IS PROUDLY PRESENTED TO

JOSEPH NG ANG A NGUGI

For having successfully completed  
the in-house training of

Emergency Response Training

DATE

1<sup>st</sup> / March / 2021



AUTHORISED SIGNATORY



AUTHORISED SIGNATORY



- Mechanical
- Electrical
- Civil



- ميكانيكية
- كهربائية
- مدني

SMS/ET/1678

DATE: 03 June 2023

## TO WHOM IT MAY CONCERN

I am writing to recommend Joseph Ng'ang'a Ngugi for the position of Assistant Engineer within your esteemed organization. I have worked closely with Joseph from January 2021 to June 2023, during which time I have observed his outstanding skills and dedication to his work.

Joseph possesses a strong technical background in engineering, coupled with a keen analytical mind and meticulous attention to detail. Throughout his tenure, he consistently demonstrated proficiency in various engineering tasks, including project planning, design, and implementation. His ability to effectively collaborate with team members and stakeholders ensured successful project outcomes.

One of Joseph's standout qualities is his proactive approach to problem-solving. He has shown remarkable initiative in identifying and addressing challenges, often proposing innovative solutions that optimize project efficiency and effectiveness. His commitment to continuous improvement and learning is evident in his eagerness to take on new responsibilities and acquire new skills.

Furthermore, Joseph is a highly reliable and responsible individual who can be trusted to meet deadlines and deliver results under pressure. His excellent communication skills, both verbal and written, enable him to effectively convey complex technical concepts to diverse audiences, facilitating smooth project coordination and stakeholder engagement.

In summary, Joseph Ng'ang'a Ngugi is a talented engineer with a strong work ethic, exceptional technical abilities, and a proven track record of success. I am confident that he will make a valuable contribution to your team and excel in the role of Assistant Engineer.

Please feel free to contact me if you require any further information regarding Joseph's qualifications or performance.

Regards,



يسند جيمول ظروف او شيدا  
**Alewijnse**  
 P.O. Box: 64451 Doha - Qatar

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Tel. : 44964777 - Fax : 44588311 - C.R. 36632 - P.O.Box 55151 - DOHA - QATAR - E-mail : qualityqatar@gmail.com

Date: 25/12/2020

## TO WHOM IT MAY CONCERN

RE: JOSEPH NG'ANG'A NGUGI      QID 29440401130

I am writing to highly recommend Joseph Ng'ang'a Ngugi for the position of BMS Operator based on his exceptional performance and dedication during his tenure with us from November 2018 to December 2020.

During his time with our company, Joseph consistently demonstrated a strong understanding of Building Management Systems (BMS) operations and maintenance. He exhibited a high level of technical proficiency in monitoring, troubleshooting, and maintaining various BMS equipment and systems. His ability to effectively analyze data and respond to system alerts contributed significantly to the efficient operation of our facilities.

Joseph's attention to detail and proactive approach were particularly commendable. He took initiative in identifying potential issues before they escalated, thereby minimizing downtime and ensuring uninterrupted building operations. His strong problem-solving skills and quick response to emergency situations were instrumental in maintaining a safe and comfortable environment for our occupants.

Moreover, Joseph proved to be an excellent team player, collaborating effectively with colleagues and communicating clearly with stakeholders. He consistently demonstrated professionalism, reliability, and a positive attitude in his interactions with both internal teams and external service providers.

I have no hesitation in recommending him for any role related to BMS operations and maintenance.

Please feel free to contact me if you require any further information.

Yours sincerely,

Mohammed Abdul

**HR. MANAGER**







30-09-2018

## TO WHOM IT MAY CONCERN

### SUBJECT: SERVICE CERTIFICATE

To Whom It May Concern,

I am writing to highly recommend Joseph Ng'ang'a Ngugi for the position of MEP Supervisor based on his exceptional performance and dedication during his tenure from December 21, 2016, to September 25, 2018. Joseph consistently demonstrated outstanding leadership qualities and technical expertise throughout his time with us. He effectively managed and supervised the Mechanical, Electrical, and Plumbing (MEP) aspects of various projects, ensuring they were completed on time and within budget. His attention to detail and proactive approach significantly contributed to the success of our projects.

Joseph's strong communication skills enabled him to liaise effectively with clients, contractors, and team members, fostering positive working relationships and ensuring a clear understanding of project requirements. His ability to problem-solve and make informed decisions under pressure was invaluable in resolving any issues that arose during project execution.

Moreover, Joseph's dedication to continuous improvement was evident in his proactive approach to staying updated with the latest industry trends and technologies. He consistently sought out opportunities for professional development, which enhanced his skills and knowledge in MEP systems.

In summary, Joseph Ng'ang'a Ngugi would be an excellent addition to any team as an MEP Supervisor. His combination of technical expertise, leadership abilities, and commitment to excellence makes him a standout candidate for this role.

Please do not hesitate to contact me if you require any further information.

Thanks & regards

Forecoco Trading and Contracting

  
HR.MANAGER



1<sup>st</sup>-01-2016

To whom it may concern

RE: JOSEPH NG'ANG'A

The above was our employee (atlas Kenya limited) from 5<sup>th</sup> January 2015 to December 2015 as a senior electrician maintenance.

He is punctual, committed to his duties and very flexible in new learning analytical technologies.

He works under minimum supervisions and work well as a team leader.

The following are some of the major duties he carried out in our company:

- Installation of lightings
- Repair of electrical appliances
- Maintenance of motor stations
- Installation of CCTV Cameras
- Troubleshooting of machines
- Writing reports duties

I found him to be consistent pleasant, tackling all assignments with dedication and smile.

I highly recommend Joseph for employment. He is a team player and would make a great asset to any organization.

Sincerely,

*Pete Wagoner* 01/01/2016

Pete Wagoner.





P.O BOX 60001-00200 NAIROBI  
CELL: 070788166, OFFICE: 0726688080  
Email: [info@centurionhotel.co.ke](mailto:info@centurionhotel.co.ke)  
Web: [www.centurionhotel.co.ke](http://www.centurionhotel.co.ke)

### TO WHOM IT MAY CONCERN

**RE: JOSEPH NG'ANG'A NGUGI      ID NO.31124254**

This is to confirm that Mr. Joseph Ng'ang'a Ngugi worked in this Hotel as an electrical from 4th January 2016 to 20<sup>th</sup> September 2016.

During the stay in the department he worked in various areas such as Repair of Electrical Domestic Appliances, installed lighting in the room repair and maintenance of electric cookers including their controls among many others

He proved to be Hardworking, Diligent and a honest person .I would recommend him to a future potential employer.

Kindly Assist Him

FROM; MUNENE.

DIRECTOR.





## شهادة تطعيم ضد فيروس كورونا كوفيد-19 COVID-19 Vaccination Certificate

Name: JOSEPH NGANGA NGUGI الاسم:  
QID/Passport: 29440401130 رقم البطاقة الشخصية / جواز السفر:  
Date of Birth (Day / Month / Year): 02/08/1994 تاريخ الميلاد (اليوم / الشهر / السنة):  
Nationality: KENYA الجنسية:

المذكور أعلاه حصل على الجرعة الكاملة للقاح كوفيد-19 كما هو مشار إليه  
The above mentioned has received the full course of the following  
Covid-19 vaccine as indicated

Vaccine Name: COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose اسم اللقاح:  
First dose received on: 06/06/2021 أعطيت الجرعة الأولى بتاريخ:  
Second dose received on: 27/06/2021 أعطيت الجرعة الثانية بتاريخ:

**Dr. Hamad Eid Al-Romaihi**

Manager of Health Protection and Communicable  
Diseases

Public Health Department  
P.O. Box - 42, Doha - Qatar

**الدكتور حمد عيد الرماحي**

مدير حماية الصحة ومكافحة الأمراض  
الانتقالية

إدارة الصحة العامة  
ص.ب. 42 - الدوحة، قطر



حماية الصحة ومكافحة الأمراض الانتقالية  
Health Protection & Communicable Diseases  
001

هذه الشهادة هي وثيقة رسمية موقعة رقمياً وصادرة عن وزارة الصحة العامة - الدوحة، قطر.

This certificate is an official document that is digitally signed and issued by the Ministry of Public Health, Doha, Qatar.



## شهادة حسن السيرة والسلوك POLICE CLEARANCE CERTIFICATE

لأغراض الاستخدام خارج دولة قطر فقط



Certificate No.	13594 / 2023	مسلسل
Certificate Purpose	Using outside Qatar	غرض الشهادة
	استخدام خارجي	الجهة الموجه لها
	سفارة كينيا	
Destination Dept.	--	

جوسيب انجنا انجوجي					الإسم
Name	JOSEPH NGANGA NGUGI				
ID No.	29440401130	الرقم الشخصي	Nationality	KENYA	الجنسية
POB	كينيا	مكان الميلاد	DOB	02/08/1994	تاريخ الميلاد
Profession	--	الوظيفة	Passport	AK0442500	رقم الجواز

This is to certify, that no previous criminal conviction has been reported against the above mentioned individual.

بعد الفحص والتدقيق من الجهات المختصة لدينا لم نجد أية سوابق ضد المذكور / المذكورة أعلاه خلال فترة التواجد داخل البلاد.

From 04/03/2020

من

To

15/02/2023

الى

This certificate is issued upon (his/her)

وقد أعطيت هذه الشهادة بناء على طلبه / طلبها.

Request Letter

N/A - بدون

خطاب ترشيح رقم

This certificate is valid for six months from the date of issue:

26/02/2023

هذه الشهادة صالحة لمدة ستة أشهر اعتباراً من:

BRIG:NASSER ABDULLA Z AL-MAHMOUD  
Director of Criminal Evidence And Inf. Dept.

العميد / ناسر عبد الله ز الـ محمود  
مدير إدارة الأدلة والمعلومات الجنائية

CIC12098

26/02/2023 10:37



## NATIONAL POLICE SERVICE



## DIRECTORATE OF CRIMINAL INVESTIGATIONS

DIRECTORATE OF CRIMINAL INVESTIGATIONS HEADQUARTERS

P.O.Box 30036-00100 GPO

NAIROBI, KENYA

Ref. No. **PCC-R7TBPJOE**Date. **17 November 2023****POLICE CLEARANCE CERTIFICATE***I hereby certify that the fingerprints recorded from***JOSEPH NG'ANG'A NGUGI**


*holder of ID No. **31124254** have been searched in Criminal Records Office's database with/without previous record. The validity of the information on this certificate is as of the date of issue.*

**REMARKS IN CASE OF PREVIOUS RECORD****OFFENCE(S): NIL****RESULTS OF TRIAL: NIL****DATE: NIL*****This Certificate has been issued without any alteration or any erasure***  
**(W.N KIRAI)*****For: Director, Directorate of Criminal Investigations***  
***(P.T.O)***


**NOTE:** This is a computer generated certificate, to verify the authenticity of this document,  
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send DCI to 21546 Then Dial \*512# and select "Police Clearance"








# DRIVING LICENCE



REPUBLIC OF KENYA JAMHURI YA KENYA



SURNAME  
NGUGI

OTHER NAMES  
JOSEPH NG'ANG'A

DATE OF BIRTH  
02.08.1994

SEX  
MALE

BLOOD GROUP  
O+


NATIONAL ID No  
31124254

LICENCE No  
IDL-AANOF8


DATE OF ISSUE  
08.03.2019


DATE OF EXPIRY  
08.03.2022

COUNTY OF RESIDENCE  
KIAMBUI




4223017690974694












200119478



LICENSING OFFICER

CATEGORIES OF VEHICLES		DATE OF ISSUE	DATE OF EXPIRY
A			
B			
C		08.03.2019	08.03.2022
D			
E			
F			
G			

RESTRICTIONS

ISSUED BY NATIONAL TRANSPORT AND SAFETY AUTHORITY