

# CURRICULUM VITAE



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[jhndogus88@yahoo.com](mailto:jhndogus88@yahoo.com)  
+97470963402  
+254723453277

Joseph Dongo

Nairobi, Kenya

- Reduce electrical delays and aim for overall equipment efficiency (OEE) 80%
- Improvement of current company system to ensure linear manufacturing or production
- Help in reduce electrical engineering cost

## **WORK EXPERIENCE**

MAY2022 – TO DATE JOINED CONTRADE

PLANT ROOM OPERATOR AT HAZM MEBAIREEK GENERAL  
HOSPITAL QATAR

Responsibilities: -

- OVERSEE MAINTENANCE AND OPERATION OF CUMMINS DIESEL GENERATOR MODEL NO. C2000D5
- Participate in annual diesel generator plan preventive maintenance assisted by AL-ALI ENGINEERS

17/06/2023 ANNUAL PLAN PREVENTIVE MAINTENANCE FOR CUMMINS DIESEL GENERATOR IN THE PLANT ROOM

## **FOLLOWING ACTIVITIES DONE**

- PREPARE GENSET FOR PPM SERVICE
- Disconnect starting power to the generator and ACB to remain on open status
- Drain and remove used oil from the engine and replace new one
- Replace and removing new oil lubrication filters
- Remove and replace fuel filters with new one
- Remove and replace water/fuel separator
- Remove and replace air filters
- Inspect water heater jacket for corrosion
- Check all battery charging system
- Checked battery electrolyte level and top up the level with distilled water



- Inspect coolant level for individual diesel generator
- Inspect coolant tank cap and replacement
- Completion of the maintenance run test the diesel engine both offload and onload test

## **DAILY ACTIVITIES CARRIED OUT INSIDE PLANT ROOM**

- Monitoring diesel level in the following tanks bulk, buffer, overflow and day tanks
- Checking battery system of the diesel generator
- Check the battery terminal for corrosion
- Check battery electrolyte level
- Observing and inspection of the mechanical parts of diesel engine
- Tightening of the loose parts
- Replacement of the defective parts
- Ensuring diesel engine is safe to start and auto mode
- Carryout weekly offload test for eight Cummins model c2000d5 generators in the plant room
- Participate in monthly onload test assisted by al-ali engineers
- Inspection of ATS during the equipment failure
- Housekeeping ensuring the plantroom remain clean

## **2013 – 2022 : MAISHA MABATI MILLS LIMITED**

### **RESPONSIBILITY INCLUDED**

- Reading Blue prints and wiring diagrams and make own layouts as required
- Independent troubleshoots, diagnose, repair and install 415v/240 volts circuit motor controls, control logic and power wiring.
- Make new major installations and repair as well as perform general maintenance and repairs.
- Use necessary tools and instruments independently to perform task.
- May direct work of other maintenance employees
- Participate in development of the Standard operating procedure for equipment and maintenance task.
- Record information required for work order close time spent on task details on the work performance, additional work required and parts.
- All responsibilities listed under general mechanic
- Check and refills lubricant reservoirs, applies grease to lubricate points, inspect machinery while performing scheduled preventive maintenance
- Operate shop tools, equipment and as many machines related as skill level will permit.
- Able to make repairs and adjust to machinery and assist in dismantling or parts of a machine to repair or replace defective components.
- Assist in electrical projects and performance in minor electrical repairs.
- Understands basic electrical and pneumatic diagrams hydraulic systems familiar with 12 vdc and 480vac electric wiring or circuits and capable of diagnosing 115vac control circuit
- Assist in pipe fitting task and able to perform some installation task unassisted.
- Perform certain portions of repairs to power industrial equipment, assist in rebuilding of related equipment.
- Maintenance and services of building lighting.

- Maintains production equipment in good operating uptime to ensure the safe and timely manufacture of quality coatings.
- Improve reliability and operating efficiency of plant equipment.
- Radiation safety awareness deals with radioactive material emission during operation
- Conduct preventive maintenance task in a timely manner to ensure operation of all equipment in an efficient and safe manner.
- Support site housekeeping and safety programs maintaining a work place that is clean

## **GENERATOR TECHNICIAN**

- Troubleshooting repairs and perform scheduled and unscheduled maintenance housekeeping to ensure conducive working environment
- Preventive maintenance on standby generators Perkins and Cummins 200-695kva genset Ensure generator are synchronized during operations
- Participate in installation and commissioning of new genset
- Oversee power changeover from 66kv service line to standby power Teksan genset 695kva during power failure

## **CGL MAINTENANCE MAJOR SHUTDOWN (14 NOV 2016)**

- Worked as an electrical maintenance technician in cold rolling mill and continuous galvanizing line
- Removal of four faulty inductors and replacement of new ones
- Pre melt two inductors checking of inductor windings resistance and meggaring
- Main pot two inductors
- Participation in power and control cables termination

## **POSITION: ELECTRICAL TECHNICIAN**

- Calibration of industrial equipment string gauge weigh scale machines pressure gauges
- Interpretation of electrical drawing and circuit diagrams
- Installation and maintenance of industrial and domestic lighting
- Repair and maintenance of AC and DC motors
- Troubleshooting repair and maintenance of direct-on-line and star delta motor control
- Trouble shooting weighbridge load cell in case fault
- Installation repair and maintenance of AC and DC drivers
- Maintenance of high and low switchgear panels
- Maintenance of transformers, 500kvr capacitors bank and battery bank at 132/11Kv substation

- Troubleshooting repair and maintenance of overhead cranes 50/20 tone damage cranes, Troubleshooting hydraulic and pneumatic sys. using PLC Siemens step 7,300 and 400 series Allen Bradley and Abb
- Maintenance of annealing and inductor heating furnaces
- Meter reading report writing and keeping of all calibration records
- Follow all planned maintenances schedule on all electrical equipment and instruments
- Supervision of junior maintenance staff
- Participation pin internal and external audit
- Sharpened troubleshooting efficiency skills to match high volume production schedule

## **6HI MILL MAJOR SHUT DOWN**

### **PARTICIPATE IN THE FOLLOWING ACTIVITIES:**

- Installation of 110vdc hydraulic and pneumatic valve connections.
- Fabrication and installation of new control panels incorporate in plc connections
- Connection of new motor encoders
- Checking of all induction sensors in the mill and keeping records
- Removal of delivery and POR DCM replacing new ones
- Installation of new POR panel and connections
- DCM mechanical brake maintenance
- Mechanical brake adjustment for Entry and Delivery DCM
- DBR inspection
- MCC motor maintenance
- Interlock checking and all DCM maintenance
- Daggering of commutator, IP & CP before and after cleaning and recording
- Checking brushes and recording sizes after cleaning
- Blowing commutator and cleaning using dry rags
- Filter cloth changing CACW unit with clean ones
- Repair of damaged filters
- Ensuring of pressure switches and mill motor RTD bearing maintenance
- Data scanner function and repair

## **ELECTRICIAN**

- Corrugated sheets limited - Mombasa
- September 2009 to September 2013
- Electrical technician oversees smooth running of machines at minimal downtime, arrange for major maintenance of electrical equipment
- Dealt with electrical installation & maintenance
- Installation of underground cables three phase distribution board
- Installing air condition and servicing
- Servicing of AC motor contactors and relays

- Three phase and single-phase domestic installation

### **30MVA TRANSFORMER MAINTENANCE**

- Checking Transformer Oil level
- Replacement of Silica gel with the new ones
- Maintenance of transformer bus bar tightness
- Sealing of the transformer oil leakages and refilling of the reservoir oil tank
- Checking of the relay functionality in the substation
- SF6 BREAKER
- Checking of gas presence i.e. level and leakages
- SF6 electric circuits functionality

### **ANNEALING PLANT MAINTENANCE**

- Maintenance of two speed AC motors
- Coil furnace panel maintenance and inspection
- Thermocouple
- INDUSTRIAL ATTACHMENT
- CORRUGATED SHEETS LIMITED
- SECTION: PICKLING DIVISION
- DURATION: 1ST MAY 2007 TO 31ST DEC 2007
- AREA OF EXPOSURE
- Repair and maintenance of DC and AC motor
- Repair and maintenance of overhead cranes
- Repair and maintenance of annealing furnace
- Installation of three phase distribution boards
- Maintenance of transmission line, and capacitor bank at high voltage substation
- Repair and maintenance of DOL and star Delta motor control system
- Participation in KPLC normalization procedure after power failure (132Kv)
- Willing to relocate: Anywhere

## **ASSESSMENTS**

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- Construction Safety — Proficient
- October 2019
- Using safe practices while on a construction site.
- Full results: Proficient
- Mechanical Skills: Aptitude — Highly Proficient
- October 2019
- Understanding and applying mechanical concepts and processes. Full results: Highly Proficient Indeed Assessments provides skills tests that are not indicative a license or certification,

## **EDUCATION**

- Diploma in Electrical Power Engineering in Electrical Power Engineering
- Mombasa Polytechnic University College 2005 to 2008

- COMPLETED NATIONAL DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING 2021 KENYA NATIONAL EXAMINATION COUNCIL

## **SKILLS**

- Electrical Maintenance
- Wiring
- Microsoft Office
- PLC
- CNC
- Electrical maintenance technician (10+ years)
- LANGUAGES
- English - Fluent
- Certifications and Licenses
- NATIONAL TRADE TEST CERTIFICATE GRADE 111 TESTED AT NITA NAIROBI DECEMBER 2016 NATIONAL
- TRADE TEST CERTIFICATE GRADE 11 TESTED AT NITA NAIROBI AUGUST 2017 COMPUTER APPLICATION
- CERTIFICATE NAIROBI INSTITUTE OF ECOMMERCE 17TH FEB, 2019
- Diploma in power engineering
- September 2009
- Was awarded diploma in electrical power engineering Radiation safety awareness certificate 2015 and 2016

## **REFEREES**

- AWILI HERMAN
- POWER GENERATION FOREMAN
- MOBILE: +9647831962721
- HOME: +254711754870
- Email: herman14@yahoo.com
  
- JAPHETE KYAI
- ELECTRICAL TECHNICIAN MAISHA MABATI MILLS LTD
- MOBILE: 0729091007
- Email: japhetkyai@gmail.com



TT2/EWM/17/0625817



STATE DEPARTMENT OF LABOUR  
NATIONAL INDUSTRIAL TRAINING AUTHORITY



**National Trade Test Certificate  
Grade II**

This is to certify that **JOSEPH DONGO**  
Whose photograph appears on this certificate has passed a **ELECTRICAL  
WIREMAN Grade II Trade Test.**

Tested at NITA - NAIROBI testing centre, AUGUST 2017.

Registration No. 20171283



Director Industrial Training



Director General





TT3/EWM/16/0025832



STATE DEPARTMENT OF LABOUR  
NATIONAL INDUSTRIAL TRAINING AUTHORITY

**National Trade Test Certificate  
Grade III**



This is to certify that **JOSEPH DONGO**  
Whose photograph appears on this certificate has passed a **ELECTRICAL  
WIREMAN Grade III Trade Test.**

Tested at NITA - NAIROBI testing centre, DECEMBER 2016.

Registration No. 201624942



Director Industrial Training



Director General







COAST INDUSTRIAL/INSTITUTIONAL  
COLLABORATION CENTRE



In Conjunction with

MOMBASA



POLYTECHNIC

**Supervised Work Experience**

**This is to certify that**

JOSEPH HUMPHREY DONGO

Student No. 105/06507

*Having undertaken Work Experience Attachment at*

**CORRUGATED SHEETS LTD. (KOKOTONI)**

*has satisfactorily completed a programme  
of supervised work experience in partial fulfilment  
of the requirements for the award of*

**DIPLOMA IN ELECTRICAL POWER ENGINEERING**

*In the period of May to July, 2007*

PRINCIPAL

31/7/08

DATE

INDUSTRIAL  
LIAISONS OFFICE



# CORRUGATED SHEETS LIMITED

Manufacturers of:  
"Nyumba" Brand Galvanised Plain & Corrugated Sheets, Colour Sheets  
Hollow Sections, Water Pipes, Reinforcement Steel, Angles & Flats,  
Barbed Wire, Nails, BRC, Weld Mesh & Bitumen Products.



Fax: + 254 41 434486 / 433590  
Tel: Address: "NYUMBA"  
E-mail: nyumba@africaonline.co.ke  
Website: www.steelitems.com  
P.O. Box 83594, Post Code: 80100  
MOMBASA, KENYA

Telephones:  
Office & Factory:  
Changamwe: +254 41 433726, 433829, 434483  
Mobile: + 254 733 615465 / + 254 722 20  
Town Office: +254 41 224307, 227583, 22567

Our Ref No. **CSL/186/08/JL/em**

27<sup>th</sup> March, 2008

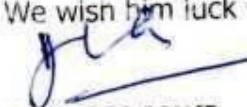
## TO WHOM IT MAY CONCERN

The bearer Mr. Joseph Humphrey Dongo of Identity No. **23176011**, a student number **105/06507**, of Mombasa Polytechnic, worked for our Company in the Electrical Maintenance Department during his Industrial Attachment period from 13<sup>th</sup> August 2007 to 13<sup>th</sup> November 2007 (3months).

During this period, he had the opportunity to witness, participate, and be trained on the normal daily plant maintenance, Breakdown maintenance and preventive maintenance involving the following.

- 1) AC induction motors, 3phase and single phase.
- 2) AC motor starter: Direct on line, star delta and reversing starters.
- 3) Variable speed AC and DC drives.
- 4) AC motors up to 200 KW capacities.
- 5) 33 MV switchgear systems.
- 6) Relay logic and programmable logic control systems.
- 7) General Housekeeping and safety consciousness.
- 8) Introduction to hydraulic systems and controls.

We wish him luck in his future endeavors.

  
**M.S. SOLANKI**  
**PLANT MANAGER**



# SONIC QUALITY INSPECTORS LTD



P.O BOX 6063-00200, Nairobi-Kenya, Tel: +254-20-6007509/+254722-732142 E-mail: [sonicinspections@yahoo.com](mailto:sonicinspections@yahoo.com)  
or [mail@sonicinspections.com](mailto:mail@sonicinspections.com), website: [www.sonicinspections.com](http://www.sonicinspections.com)

## CERTIFICATE OF PROFICIENCY

This is to certify that:

# JOSEPH DONGO

*Has satisfactorily attended and actively participated in the*

## RADIATION SAFETY AWARENESS TRAINING

Organized by **Sonic Quality Inspectors Ltd** in Collaboration with **Maisha Mabati Mills Ltd**, held at the Maisha Mabati Conference room on 23<sup>rd</sup> April 2016, Ruiru -Kenya.

### Topics Covered:

- ❖ *History of Radiation*
- ❖ *Radiation exposure, safety concepts and effects of ionizing radiation.*
- ❖ *Natural & Man-Made Background Sources of Radiation*
- ❖ *Fundamentals*
- ❖ *Exposure Limits & Regulations*
- ❖ *Detection of Radiation*
- ❖ *Safe Practices with Radiation*
- ❖ *Biological Effects of Radiation*
- ❖ *Principles of Radiation Protection.*
- ❖ *Legal requirements under the Radiation Protection Act, Cap 243 Laws of Kenya and License processing requirements, roles & responsibilities of owner/operator.*
- ❖ *Safety and Security of Radioactive Materials.*
- ❖ *Disposal of Radioactive Materials.*
- ❖ *Emergency Preparedness and Response.*
- ❖ *Practical Radiation Protection Exercises and Occupational Exposure Dose Calculations.*

GENERAL MANAGER  
MAISHA MABATI MILLS LTD

  
TECHNICAL DIRECTOR  
SONIC QUALITY INSPECTORS LTD



# NAIROBI INSTITUTE OF ECOMMERCE LTD.

"Unlimited Learning"

Facebook: nairobiinstituteofecommerce | Twitter: @nairobiinstituteofecommerce

## TRANSCRIPT OF ACADEMIC RECORDS

Student Name: **Joseph Dongo**

Registration No: **NIE/CMP706/19**

Department: **Information Technology**

Course: **Computer Applications**

Mean Grade: **DISTINCTION**

Date Issued: **17/09/2019**

<i>Unit Code</i>	<i>Unit Title</i>	<i>Attempts</i>	<i>Mark (%)</i>	<i>Grade</i>	<i>outcome</i>
CP01	BASIC CONCEPTS OF IT	1	64	B	CREDIT
CP02	FILE MANAGEMENT	1	68	B	CREDIT
CP03	WORD PROCESSING	1	63	B	CREDIT
CP04	SPREADSHEETS	1	72	A	DISTINCTION
CP05	PRESENTATION	1	63	B	CREDIT
CP06	DATABASE	1	75	A	DISTINCTION
CP07	DESIGN	1	78	A	DISTINCTION
CP08	LIVING ONLINE	1	75	A	DISTINCTION

**HEAD OF ACADEMICS**

**PRINCIPAL**

Directors: Kenneth Waweru (Chairman), Henry Wanjohi, Lilian Wambui & Winfred Wamuyu





**NIE/CMP/706/19**

**NAIROBI INSTITUTE OF ECOMMERCE**

# *Certificate*

This is to certify that

*Joseph Dongo*

having fulfilled the requirements for the course

*Certificate In Computer Applications*


is hereby awarded this certificate

The program included the following topics :

- Basic Concepts of IT
- File Management (MS Windows)
- Word-processing (MS Word)
- Spreadsheet (MS Excel)
- Design (MS Publisher)
- Databases (MS Access)
- Presentation (MS PowerPoint)
- Living Online (Internet & Email)

Date: 17<sup>th</sup> September, 2019



  
Head of Academics

  
Principal



## Certificate of Membership

This is to certify that

*Joseph Dongo*

is a recognized member of the

Institution of Engineering  
Technologists and Technicians of Kenya

Registration Certificate Number 4843

Class of Membership *Certified Engineering Technician*

Registered this day of 24/01/2022

Honorable Secretary-IET



Chairman-IET

*This Certificate was issued without any alteration and is subject to membership validity*

## Covid-19 Vaccination Certificate

REPUBLIC OF KENYA



MINISTRY OF HEALTH

This is to certify that **Joseph Dongo**, born on **Sat Jul 18 1981**, from **Kenya** with **National Id: 23176011**, has been vaccinated against **Covid 19** on the date indicated in accordance with the National Health Regulations.

Vaccine	Dose	Date Administered	Batch No
Moderna	1	Mon Sep 20 2021	049E21A
Moderna	2	Mon Oct 18 2021	019F21A

Scan To Verify



This document is system generated and therefore does not require a signature.

You may confirm this certificate by scanning the QR code.



## NATIONAL POLICE SERVICE



## DIRECTORATE OF CRIMINAL INVESTIGATIONS

DIRECTORATE OF CRIMINAL INVESTIGATIONS HEADQUARTERS  
P.O.Box 30036-00100 GPO  
NAIROBI, KENYA

Ref. No. PCC-AKT69J38

Date. 4 February 2022

**POLICE CLEARANCE CERTIFICATE***I hereby certify that the fingerprints recorded from***JOSEPH DONGO**

*holder of ID No. **23176011** 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*****(P.M. Onyango)**

*For: Director, Directorate of Criminal Investigations*  
**(P.T.O)**

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

REMARKS

2.

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**

3.

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**

4.

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**

5.

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**

7.

OFFENCE(S): **NIL**

RESULTS OF TRIAL: **NIL**

DATE: **NIL**



This result slip is not a certificate. The Kenya National Examinations Council reserves the right to correct the information given on result slips which will be confirmed by issue of certificates



# THE KENYA NATIONAL EXAMINATIONS COUNCIL

## TECHNICAL EDUCATION EXAMINATIONS RESULT SLIP



T.E.E

403166/9053 DONGO JOSEPH HUMPHERY

NOVEMBER 2021 SERIES

403166 VITECH TRAINING INSTITUTE

2204 DIPLOMA IN ELECTRICAL ENGINEERING (POWER)

- 301 MATHEMATICS
- 302 MACHINES & UTILIZATION
- 303 ELECTRICAL POWER SYSTEMS
- 304 CONTROL SYSTEMS
- 305 INDUSTRIAL ORGANIZATION & MANAGEMENT
- 306 POWER ELECTRONICS AND MICROPROCESSORS
- 307 TRADE & ENTREPRENEURSHIP PROJECTS

GRADE  
6 (SIX)  
5 (FIVE)  
5 (FIVE)  
4 (FOUR)  
4 (FOUR)  
6 (SIX)  
3 (THREE)

RESULT: PASS

DATE PRINTED: 200223:10352422

T.E.E

0605942





# The Kenya National Examinations Council



## Diploma

### IN TECHNICAL EDUCATION PROGRAMME (TEP)

This is to certify that the candidate named below sat for the Diploma in TEP examination in the subjects named below and was awarded this Diploma. The candidate attained the grades shown below:

2204/3 DIPLOMA IN ELECTRICAL ENGINEERING (POWER)

DONGO JOSEPH HUMPHERY

INDEX NO.403166/9053 \*M\*

403166 VITECH TRAINING INSTITUTE

SUBJECT

301 MATHEMATICS

302 MACHINES & UTILIZATION

303 ELECTRICAL POWER SYSTEMS

304 CONTROL SYSTEMS

305 INDUSTRIAL ORGANIZATION & MANAGEMENT

306 POWER ELECTRONICS AND MICROPROCESSORS

307 TRADE & ENTREPRENEURSHIP PROJECTS

SUBJECT NAMED (SEVEN)

PAPER PASSED (SEVEN)

GRADE

6 (SIX)

5 (FIVE)

5 (FIVE)

4 (FOUR)

4 (FOUR)

6 (SIX)

3 (THREE)

OVERALL RESULT: PASS

NOVEMBER 2021 SERIES

DATE PRINTED: 221119:12210322

Chief Executive Officer  
Kenya National Examinations Council



Chairman  
Kenya National Examinations Council

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

(See overleaf for conditions of issue)

D/TEP

0026900

