

MR. NELSON N. LIMBA WORD REPORT

1. MY FAMILY BACKGROUND

I am Nelson N. Limba, a first born of Nestory Lucian Limba and Ekarister Mustapha Likongo's family. A family consists of six children from whom five are girls and only one boy. The family engages in small scale agriculture; cultivating food crops only. I was born on 12th January 1987 and finished my form four secondary education in 2008, my father died on 18th February 2009, one day after my form four results. Since then the family began to face challenges in the standard of living, as my mother and I with a little we have, had to take care of the family.

Apart from the problem occurred in the family I tried to work hard with my mother in order to get enough money so that I could proceed with schooling. I stayed in the village for five years from 2009 up to 2013 cultivating crops without success, the crops produced were food crops only.

It was not possible for me to get enough money for studies. My target was to get education that would help to run my life easily, to support the family and other surrounding society especially Mofu villagers in Morogoro region- Tanzania. My dream on education became true after the arrival of Andy Schneider from Switzerland at Mofu through Mofu Catholic Church and when Mofu Rothenburg Association members started supporting. The Rothenburg Association under the control of Andy Schneider and Mofu Rothenburg Association leaders supported me for seven years from (2013 up to 2019) by providing me with money and other important materials in my whole studies.

2. THREE YEARS STAYING AT MIVUMONI-TANGA

In the year 2013 Andy came at Mofu, on his first arrival at Mofu, some of us were chosen to develop our carriers in regard to different specialization of our choice. So we were taken all of us by father Kayera; the Parish priest by then to Mivumoni-Tanga; the college of Capuchin Sisters called St. Mary's Vocational Training Centre which provides different programs such as Electrical installation, Catering, Manson etc. From 2013 to 2015, I was at St. Mary's Vocational Training Centre, where I specialized in Electrical installation programme. In the year 2014, I was selected to be Head Boy to lead and guide my fellow students.

We lived with missionary sisters in a good manner, they tried to keep us in well spiritually; through praying and singing the songs about God before and during the mass. We also involved in sports, cleaning the surrounding compounds and agricultural activities, besides, they taught us in our programmes and other optional subjects.

2.1. In electrical installation (Domestic installation) for the whole three years we learned about;

- Safety when at workshop or site
- How to plan for new site
- How to control lamps using one way switch with one, two or three gangs
- How to control lamps using two way switches
- How to control lamps using intermediate switch that means one way switch in between two way switches
- How to install fluorescent lamps
- How to install different types of electric bells in the building
- How to install, electric cooker, fans, and single phase motors

2.2. Results:

At Mivumoni we learned about domestic installation only, especially in Electrical program. The college allowed the students to attend at field during the holidays in order to gain more practical skills

2.3. During practicals (Field study):

When I was at field, I worked with the persons who are professional and got great experience in domestic electrical installation.

Skills obtained:

- Knowing how to plan for new site/building or read clearly a map drawn by Engineers in order to fix those points in the wiring system
- To understand how to set conduit pipes and square boxes
- To understand how to run cables or wires within the conduit pipes
- To know how to make connections from different points
- Fitting of appliances

Certificate of electrical installation:

I have been awarded a certificate of electrical installation under Vocational Training Authority (VETA).

THE UNITED REPUBLIC OF TANZANIA
Vocational Education and Training Authority



NATIONAL VOCATIONAL AWARD

It is hereby Certified that

NELSON NESTORY LIMBA

Registration No. **19/CBA-II/EL/15D/048**

Has been awarded Vocational Certificate One

In **Electrical Installation**

After attaining the following performance:-

Theory	B
Practical	B
Field Attachment	A

John B. Mwak

VET BOARD

Chairperson



[Signature]

SECRETARY



SPARKS

LIGHT UP

Date of issue: 09/03/2016

3. ACCESS COURSE/ PRE-ENTRY COURSE AT ARUSHA TECHNICAL COLLEGE

This is the mature course which is carried out by Arusha Technical College especially for those students who failed to get grade(C) in their form four science subject results and those who have level two certificate provided by Vocational Training Authority(VETA) in any program, they have to sit for this course in order to join with Diploma.

So, when I finished my certificate level in electrical installation in 2015 at Mivumoni in Tanga region, my objective was to continue with higher education (Diploma in Electrical engineering) in order for me to become more expert in electrical fields. I received money from Mofu Rot hen-burg Association leaders; six hundred thousand and forty thousand shillings for fees, transport and accommodation so as to attend the course. The course took eight (8) weeks; from 2nd May 2016 to 20th July 2016. I have got certificate for this course.

Certificate of Access Course:



4. ORDINARY DIPLOMA IN ELECTRICAL ENGINEERING AT ARUSHA TECHNICAL COLLEGE. (ATC).

From 2th August 2016 I joined with Arusha Technical college to continue with diploma in electrical engineering. My life at Arusha Technical College took three years from August 2016 up to August 2019. Although the subjects were so tough I tried to study harder and harder so that I could pass those exams.

Arusha Technical College consists of different programs of engineering subjects but each program has got two semesters of each Academic year and also at the end of each Academic year students were recommended to attend two months for field (Industrial Practical Training) so as to enable students gain more practical skills.

During the practical skills or field:

When I was at Arusha Technical College, we were allowed to attend in dustrial practical Training in order to get more experience. First year and Third year I conducted my practical activities at Tanzania Electrical Supply Company (TANESCO).

4.1 Duties performed:

- Election of wooden poles.
- Preparation of holes for the poles.
- Replacement and installation of new energy meters.
- Surveying for new customers to get electricity.
- Replacement of High Tension lines (HT) and Low Voltage lines (LV).
- Replacements of electrical conductors both High Tension lines and Low Voltage lines.
- Replacement and constructions of new Transformers.
- Preparation of quotation for registration of new customer.
- Maintenances of energy meters, Transformers and constructed lines.
- Arrangements of tools, equipment's and materials at store.

Second year, my field was at Kilombero Sugar Company Limited

Duties performed:

- Installations of motors used to run different machines within the company.

- Troubleshooting of electric faults occurred in the company.
- Controlling of three phase motors i.e. direct on lines, conveyor belts and star and Delta.

In my studies at Arusha Technical College I have got only provisional results as you can see it the below attachments. Certificate of Diploma in electrical engineering is not yet made. I expect to get it on 18th January 2020 during the college graduation and you are mostly welcome in my graduation.

In order to check in details about my exams, you can pass through the following website:

www.atc.sms

click: ATC- SMS

Username.16030712067

Password:1986

Click: Go to SMS Dashboard



ARUSHA TECHNICAL COLLEGE
ARUSHA, TANZANIA
ELECTRICAL ENGINEERING DEPARTMENT
STATEMENT OF PROVISIONAL RESULTS



Name of Candidate		NELSON N LIMBA			Admission No		16030712067	
Programme		TECHNICIAN CERTIFICATE IN ELECTRICAL ENGINEERING						
Gender	Male	Date of Birth	12/01/1987	Date of Entry	01/08/2016	Citizenship	Tanzanian	

NTA LEVEL 4 SEMESTER I-2016/2017			
Code	Credits	Module Name	Grade
EET 04101	9	Basic Electricity	C
EET 04102	12	Domestic Installation And Mechanical Skills	B
EET 04103	6	Printed Circuit Board And Droughting Technique	B
EET 04104	6	Electrical Measurements I	B
ETT 04101	12	Analogue Electronics	B
GST 04101	5	Algebra And Trigonometry	B
GST 04102	6	Mechanics And Nuclear Physics	B
GST 04103	4	English Language Basics	C
SEMESTER I GPA : 2.7			

NTA LEVEL 4 SEMESTER II-2016/2017			
Code	Credits	Module Name	Grade
EET 04201	5	Electrical Material	B
EET 04202	12	Workshop Technology And Practice	A
EET 04204	6	Electrical Measurements II	B
ETT 04201	12	Digital Combinational Circuits	B
GST 04201	5	Series And Boolean Algebra	B
GST 04202	4	Gender And Hiv	B
GST 04203	6	Microcomputer Application	C
IPT 04	10	Industrial Training	B
SEMESTER II GPA : 3.1			

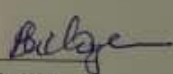
FIRST YEAR GPA : 2.9

NTA LEVEL 5 SEMESTER I-2017/2018			
Code	Credits	Module Name	Grade
EET 05101	9	Dc Machines	B
EET 05102	9	Workshop Practice I	B
EET 05103	4	Electromagnetism	B
EET 05104	6	Control Engineering	B
ETT 05101	7	Analogue Electronics Devices And Circuit	C
ETT 05102	6	Computer Aided Design Tools	C
GST 05101	5	Differentiation And Integration	C
GST 05102	6	Thermal Energy , Waves And Organic Compounds	A
GST 05103	6	Introduction To Programming Using C	C
SEMESTER I GPA : 2.6			

NTA LEVEL 5 SEMESTER II-2017/2018			
Code	Credits	Module Name	Grade
EET 05201	6	Ac Machine I	C
EET 05202	9	Industrial Installation And Transformer Rewinding	B
EET 05203	6	Electrical Power Utilization	A
EET 05204	6	Power Plants	B
ETT 05201	9	Digital Sequential Circuits	B
ETT 05202	6	Power Electronics	B
GST 05201	3	Matrices, complex And Vectors	B
GST 05202	4	English Language Skills	B
GST 05203	4	Basics Of Entrepreneurship	C
GST 05204	4	Introduction To Networking	C
IPT 05	10	Industrial Training	A
SEMESTER II GPA : 3.0			

SECOND YEAR GPA : 2.8

Signature 
 24 Sep 2019
Ally Ngulugulu
 HEAD OF DEPARTMENT

Signature 
 24 Sep 2019
Dr. Baraka Kichonge
 REGISTRAR

HEAD OF ELECTRICAL ENGINEERING DEPARTMENT
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ARUSHA TECHNICAL COLLEGE

P.O BOX 296

ARUSHA, TANZANIA

ELECTRICAL ENGINEERING DEPARTMENT

NTA LEVEL 6 EXAMINATION RESULTS



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Name of Candidate		NELSON N LIMBA		Admission No : 16030712067					
Programme		ORDINARY DIPLOMA IN ELECTRICAL ENGINEERING							
Academic Year		2018/2019 NTA LEVEL 6 Semester :1 & 2							
Sno	Semester	Module Code	Module Name	Grade	Grade Point	Module Credit	Credit * Grade Point	Class Attendance	Remark
1	1	EET 06101	Induction Motors	B+	4	6	24	NA	PASS
2	1	EET 06102	Automation	B+	4	8	32	NA	PASS
3	1	EET 06103	Motor Rewinding	A	5	8	40	NA	PASS
4	1	EET 06104	Electrical Power Protection	B	3	5	15	NA	PASS
5	1	EET 06105	Project 1	A	5	4	20	NA	PASS
6	1	ETT 06101	Analogue Electronics Design	B+	4	9	36	NA	PASS
7	1	ETT 06102	Applied Microcontroller	C	2	8	16	NA	PASS
8	1	GST 06101	Coordinate Geometry And Differential Equations	C	2	4	8	NA	PASS
9	1	GST 06103	Correspondence, Interpersonal Skills And Report Writing	B+	4	4	16	NA	PASS
10	2	EET 06201	Synchronous And Special Machines	A	5	6	30	NA	PASS
11	2	EET 06202	Electric Drives	B	3	6	18	NA	PASS
12	2	EET 06203	Refrigeration And Air Conditioning	B	3	9	27	NA	PASS
13	2	EET 06204	Electrical Maintenance And Management	A	5	6	30	NA	PASS
14	2	EET 06205	Electrical Power Transmission And Distribution	B+	4	8	32	NA	PASS
15	2	EET 06206	Renewable Energy	B+	4	6	24	NA	PASS
16	2	EET 06207	Project Ii	B	3	4	12	NA	PASS
17	2	GST 06201	Linear Programming And Probability	B+	4	3	12	NA	PASS
18	2	GST 06202	Enterprise Management	C	2	6	12	NA	PASS
19	2	IPT 06	Industrial Practical Training	A	5	10	50	NA	PASS
GPA=Sum of (Credit * Grade Points) / Total Credits						SCR = 120	s(GP*CR) = 454	GPA=s(GP*CR)/sCR i.e GPA=454/120=>3.7	
NTA LEVEL 6 GPA	3.7	REMARK			PASS				

5. GENERAL STRUCTURE SHOWING THE MONEY USED FOR DIFFERENT PURPOSE IN MY STUDIES.

S/NO	YEAR OF STUDY	PARTICULARS	COSTS
01	2013-2015	ST.MARY'S VTC	
		<ul style="list-style-type: none"> • Fees, accommodations and fields • Transport costs from Mofu-Tanga 	3,000,000/= 204,000/= SUB TOTAL 3,204,000/=
02	2 TH MAY 2016-20 TH JULY 2016.	ACCESS COURSE AT ARUSHA	
		<ul style="list-style-type: none"> • School fees. • Accommodations. • Transport costs 	300,000/= 300,000/= 40,000/= SUB TOTAL: 640,000/=
03	2016/2017	DIPLOMA FIRST YEAR (LEVEL 4)	
		<ul style="list-style-type: none"> • Fees and other costs. • Accommodations. • Industrial Practical Training (IPT). • Transport costs. 	1,050,400/= 1,190,000/= 480,000/= 180,000/= SUB TOTAL: 2,800,400/=
04	2017/2018	DIPLOMA SECOND YEAR (LEVEL 5)	
		<ul style="list-style-type: none"> • Fees and other costs. • Accommodations. • Industrial Practical Training. • Transport costs 	1,050,400/= 1,190,000/= 300,000/= 180,000/= SUB TOTAL: 2,620,400/=
		DIPLOMA THIRD YEAR (LEVEL 6)	

05	2018/2019	• Fees and other expenses	1,050,400/=
		• Accommodations	1,190,000/=
		• Projects costs	400,000/=
		• IPT +Transports	390,000/=
		SUB TOTAL:	3,030,400/=
TOTAL COSTS:		12,295,200/=	

6. MY FUTURE PLANS:

If I get money, I expect to do the following:

1. TO OPEN ELECTRICAL OFFICE AS SMALL COMPANY:

This plan will enable me work independently as self-employed, so that I can use my professional skills, knowledge and experience effectively. The office will provide services especially for those people who need wiring system, and any problem concerned with electricity, the office sufficiently and effectively solve it.

2. TO OPEN ELECTRICAL SHOP:

I expect to open electrical shop in order to sell electrical tools, equipments and materials used in wiring system. This plan will help me in case I have electrical work, my customers would come to buy electrical materials from the shop. By doing that, will make me to be popular and work with different customers.

The following are the benefits that should occur through my plan.

- This service will provide employment to other people.
I will not work alone, since I will find some people who have skills about electricity and work together.
- The office will reduce conflicts among the customers.
In order to reduce conflicts with customers I will provide good services using professional skills and experience with reasonable costs.

- This will simplify my work through distribution of work.
When I employ other people, they will help me to do the work very faster.
- This will spread knowledge for other electrical students.
I will teach those students who like practical activities or field, hence this help to broaden knowledge for other people.
- It leads to the increase of economic income.
This plan will help me to increase my economic income and work independently by using my knowledge and skills efficiently and effectively.

So, this is all about my biography, expected future outcomes and pros.

7. ACKNOWLEDGEMENT

Many people helped me direct or indirect in the successful completion of my studies. I would like to thank all of them.

First of all, God the almighty Father who knows where I am from and where I am heading to, without his grace nothing could be accomplished.

Secondly I would like to express my deep sense of gratitude towards you Mr. Andy Schneider and Mofu Rot hen-burg Association members in general for their strong economic support; being available, whenever I faced difficulties; they were ready to help me. Their support made me accomplish my studies.

I am also grateful to leaders of Mofu Catholic Church, Mofu Rothenburg Association leaders under chairmanship of Mr. Gerhard Ngonyani, Vice Bishop (Rev. Father Kayera), all Brothers and Sisters at Mivumoni and all teachers at Arusha Technical College. Besides, I would like to thank all my friends for their moral, material and constructive support during my studies.

Finally, I am very much indebted to my family and the Mofu villagers for their moral support and encouragement that made me achieve higher goals. I have no word to express my gratitude thanks to you all rather than saying that God the almighty Father bless you abundantly.

8. CONCLUSION AND RECOMMENDATION:

The above information is concerned with my story about studies. Mr. Andy your supports help Mofu villagers to meet our goals, so continue influencing and encouraging Mofu Rothern-burg Association Members and other foreign person to support the people at mofu. This because most of us are economically poor, so, we fail to get other human needs like students going to school, treatments for some people who have chronic diseases; these are caused by lack of capital, low level of living standard and lack of enough knowledge. Your great support facilitates the development of individuals, family and society in general through establishment of different projects. We thank very much for your moral and material supports providing to us.

Mofu, 24th October 2019

Nelson Limba