



NATIONAL UNION of

ARAPAI COMPUSS

COFFEE AGRIBUSINESS
BUSITEMA UNIVERSITY and FARM ENTERPRISES
FOCUALITY OF ANIMAL and AGRICULTURAL LIMITED

SCIENCES (FAAS) ARAPAI COMPUSS the training was scheduled
STUDENTS NAME; WANDERA BRIAN for 8 weeks

REG. NO; BU/UP/2022/1187

EMAIL; Wanderabrian119@gmail.com

DATE OF SUBMISSION;

28/08/2023 ,

STUDENTS SIGNATURE;

SUMMERY OF THE WHOLE REPORT

The report talks about how I went through the whole training from week one to the final week, chapter one (week one), I and the colleagues I found at NUCAFE were taken for orientation and introduced to all departments that's the quality control management team, production management team and others, week two, I was told to specify which section I would like to take because there were two sections that is the coffee quality control section and the barlisting section and on the third week I chose the coffee quality control section. Therefore the report explains how and what is required for the quality controller as a person at any coffee company or for a business man who would like to deal in coffee.

1 Contents

SUMMERY OF THE WHOLE REPORT I		
<u>DECI</u>	LARATION	VI
<u>APPI</u>	ROVAL	VIII
DED	ICATION	IX
<u>ACKI</u>	NOWLEDGEMENT	X
ABS1	TRACT	XI
CHA	PTER ONE:	1
1 1	INTRODUCTION	1
1.1.1		
1.1.2		
1.1.3		
1.1.4		
1.1.5		
1.1.6		
<u>2</u> <u>C</u>	CHAPTER TWO	<u>4</u>
2.1	ORIENTATION	4
2.2	BACKGROUND OF COFFEE	4
2.3	TYPES OF PLANTATIONS	4
2.4	ARABICA COFFEE	5
2.5	ROBUSTA COFFEE	5
2.6	PRIMARY PROCESSING OF CHERRIES/ BEANS	5
REFE	R TO EVERY SINGLE STAGE OF A COFFEE MAKING PROCESS STARTING FROM HARVESTING TO THE TIME WHEN THE	
	EE BEANS ARE FINISHED AND GRADED FOR CONSUMPTION	
2.7	GRADING AND SOERTING	
2.7.1	1 Introduction	6
2.7.2	2 COFFEE GRADING	7
2.7.3	3 Why grade coffee	7
2.7.4	4 DIFFERENT COFFEE GRADES	7
2.7.5	COFFFE GRADES CONTINUED	8

2.7.6	Arabica (washed)	8
2.7.7	SUSTAINABLE GRADES	8
2.7.8	SUSTAINABLE GRADES	9
2.7.9	SUSTAINABLE GRADES INCLUDE	9
2.7.10	SPECIALTY COFFEE GRADES	9
2.7.11	COFFEE DEFECTS	9
2.7.12	CATEGORY TWO/SECONDARY DEFECTS;	10
2.7.13	MOISTURE CONTENT	10
2.7.14	CORRECTIVE ACTION FOR REJECTED COFFEES	10
2.8 P	HYSICAL ANALYSIS	11
2.9 C	OFFEE DEFECTS	11
2.9.1	CATEGORIES OF DEFECTS	11
2.10	COFFEE ROASTING	14
2.10.1	Types of roasting	14
2.10.2	LIGHT MEDIUM	14
2.10.3	MEDIUM/ CITY ROAST	14
2.10.4	Dark Roast	15
2.10.5	CONDITIONS/ PRECAUTIONS FOLLOWED IN THE ROAST	15
2.10.6	CUPPING	15
2.10.7	THE PROCESS OF CUPPING	15
2.10.8	TERMS ON TESTING;	16
	APTER THREE	
	OCIAL CONDITIONS AT NUCAFE	
	MPLICATIONS OF FUTURE STUDY AND CAREER PLANNING	
	VHAT SKILLS HAVE I GAINED FROM THE INDUSTRIAL TRAINING?	_
	Vhat kind of responsibilities have you undertaken during the industrial training?	
3.5 H	NOW DO YOU THINK THE INDUSTRIAL TRAINING WILL INFLUENCE YOUR FUTURE CAREER PLANS?	19
3.6 H	OW DO YOU THINK THE INDUSTRIAL TRAINING ACTIVITIES YOU CARRIED OUT ARE CORRELATED WITH I	ECTURE
коом к	(NOWLEDGE?	20
<u>4 СН</u>	APTER FOUR	21
4.1 S	UMMARY OF KEY CONCLUSIONS DERIVED FROM INDUSTRIAL TRAINING EXPERIENCE	21
	NERAL OBSERVATIONS ABOUT THE SECTOR IN WHICH YOUR ATTACHMENT ORGANIZ	
	LIGGESTIONS/RECOMMENDATIONS FOLLOWING LOGICALLY FROM THE CONCLUSIONS	

<u>6</u>	APPENDICES	22	
7	REFERENCES	23	

List of abbreviations

NUCAFE National Union of Coffee Agribusiness and Farm Enterprises Limited

CPB Pea Berry

FAQ Fairy Average Quality

DRUGAR Dried Processed Arabica

WUGA Wet dried coffee

UCDA Uganda Coffee Development Authority

BHP

DECLARATION

I, WANDERA BRIAN, do hereby declare that I personally took part and carried out all the theoretical and practical work involved during the course of training and mentorship at **National Union of Coffee Agribusiness and Farm Enterprises (NUCAFE)** and every other thing involved thereof is my individual work. I also declare that this work has never been presented either wholly or partially by any individual in Certificate, Diploma, and Bachelors level or to any learning institute or university in Uganda or anywhere else.

WANDERA BRIAN,
Date
Signature
BU/UP/2022/1187

APPROVAL

My report of learning and mentorship during the course of my internship has been done under supervision and is ready for submission to the University Supervisor, Busitema University for the award of a Bachelor's degree in Agribusiness management (BAB)

Field Supervisor

Name: Ms
Title
Signature
Date
University Supervisor
Name: Mr
Title
Signature
Date

DEDICATION

I dedicate this piece of work to my family for their undying love, support and encouragement that have constantly given me a great push to further education, to all friends and course mates who have supported me in which ever the way, my supervisors for mentoring me at NUCAFE, the staff from the Faculty of Animal and Agricultural Sciences (FAAS) Arapai Compass,

thank you all.

ACKNOWLEDGEMENT

Firstly, I am greatly indebted and thankful to God because I have only come this far because of Him. My sincere appreciations go to my dedicated Field Supervisor, Ms. Kemigisha Mercy and my University Supervisor, DR. Semukasa Edward for their mentorship and guidance all through the internship process. May God bless you abundantly?

My family's support, love and encouragement never go unmentioned. They have been a driving force and I promise to do my best to give back to them in the near future. My beloved mother, Mrs. Nandera Harriet, my sister Mrs. Natocho Hellen, my dear brothers Mukisa Augustine, Wabwire Elijah and my hero of all, the only beloved father I have, Mr. Malaba Henry. May God continue to bless you richly?

My daily support and inspiration, the fact that the first born has to make a way through which my little siblings have to follow, has given courage always never to give up so that I can leave for them a legacy, such goal and guidance strengthen me on this long journey.

The lecturers who have continuously shown me the way, I thank you all very much.

ABSTRACT

I have personally compiled this report that details all the activities carried during my Industrial Training, Skilling and Mentorship at National Union of Coffee Agribusiness and Farm Enterprises (NUCAFE) for both theoretical and practical work carried out on the firm.

Chapter one introduces National Union of Coffee Agribusiness and Farm Enterprises (NUCAFE) in a broad sense clearly giving its mission, vision, objectives and organizational structure.

Chapter Two looks at the activities involved during the training at National Union of Coffee Agribusiness and Farm Enterprises (NUCAFE). It started with Orientation on the first day by the Human Resource Manager and the officials at the firm site. The training was mainly carried out to equip the internees with knowledge and skills on the entire coffee value chain. Understanding all the activities carried out right from the farm through post harvesting processes, processing, up to coffee in a cup. Some of these include identifying the two main types of coffee grown in Uganda, their physical differences and characteristics, coffee defects and their effects on coffee tastes and flavors in the cup, cupping, and sorting, grading, physical analysis of coffee in the laboratory. All the aspects I learned from these activities included theory and practical work and individual involvement and assessment.

Chapter Three basically entails my expectations before the training versing what I got on ground, my personal experiences, new practical skills and lessons learned. It also contains the challenges during the course of my training which included among others; having to move long distance to and fro training place, unfriendly weather sometimes like heavy rains and extreme sun heat on some days.

Chapter four is summarized with key conclusions from the industrial training experience, general observations about which the sector of NUCAFE operates from and Suggestions/recommendations following logically from the conclusions.

CHAPTER ONE:

1.1 INTRODUCTION

National union of Coffee Agribusiness and Farm Enterprises Limited (NUCAFE)

NUCAFE is a hybrid farmer-owned social enterprise founded in 2003 having its business entity, NUCAFE Grading Limited. NUCAFE is the trademark and one of the brands used by NUCAFE Grading Limited in all its operations.

1.1.1 Mission

To establish a market-driven system of coffee farmer enterprises and organizations which are empowered to increase their household incomes through enhanced entrepreneurship and innovation.

1.1.2 Vision

Coffee farmers profitably own their coffee along the coffee value chain for sustainable livelihoods, consumer satisfaction and societal transformation.

It can be contacted at nucafe@nucafe.org. Our Office Address 2nd Floor, Coffee House,Plot 35, Jinja Road, Kampala,**Tel Contact:** +256 414 236199, the organization is involved in several services

1.1.3 The sector of the organization and products it produces

NUCAFE is a private entity/company which is in partnership with many stakeholders/shareholders, it mainly deals in the exportation of coffee, but it also has a hand in the production of coffee products which coffee grinded powder, roasted coffee beans and other coffee related products such as coffee husks,

1.1.4 Services provided at NUCAFE

- Our Service portfolio and value proposition.
- Production, Productivity, and Quality Enhancement services.
- Attestation, Certification and Verification.
- Access to financial services.