

FACULTY OF ENGINEERING DEPARTMENT OF AGRICULTURAL MECHANISATION AND IRRIGATION ENGINEERING MY INTERNSHIP REPORT CONDUCTED AT KIBIMBA FACTORY FROM 9th, MARCTH,2022 TO 21st, APRILL,2022

 \mathbf{BY}

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SUBMITTED AS A REPORT FOR INTERNSHIP TRAINING

TO THE HEAD OF DEPARTMENT

AGRICULTURAL MECHNISATION AND IRRIGATION ENGINERING

DECLARATION

I **ASIMO MARTHA** that this report is entirely my own and it contains my experience during internship training and has never been submitted to any institution or university of higher learning for the award of **Diploma in Agricultural Engineering.** I take full responsibility of it and any other person mentioned here is not answerable.

Farm machinery supervisor		
Name	Signature	Date:
Engineering workshop supervisor		
Name	Signature	Date:
Rice mill supervisor		
Name	Signature	Date:
Implementation supervisor		
Name	Signature	Date:
Light vehicle section		
Name	Signature	Date:
Personnel manager		
Name	Signature	Date:
Busitema University Supervisor		
Name	Signature	Date:
Training student		
Name	Signature	Date:

DEDICATION

I dedicate this report to my parents Mr. Emutu Jacob and Mrs. Joyce Mary Emutu, my brothers Eseru John Mathew, Emaju Paul Mark, Oddi Emmanuel and Emutu Francis, my sisters Ajamo Mary Magdalene and Apako Esther my siblings, my friend Nandawula Angela Chelsea and other relatives for supporting my academic life and always encouraging me to always move on with my education

APPROVAL

I am presenting this report which has been done, read and produced under my efforts, to the department agricultural mechanization and irrigation.

ACKNOWLEDGEMENTS

I thank the Almighty God who gave me the strength, power and good health throughout the ten weeks of training. I also extend my sincere gratitude to the Management of Busitema University for considering industrial training as an important program for students to acquire hands on skills.

The head of industrial training in agricultural mechanization and irrigation department Mr. Eriua Emmanuel and my supervisor Mr. Obeti Grism Lawrence for the time rendered, encouragements and guidance given during the training.

I extend my sincere thanks to the management of Kibimba rice factory in different sections In the machine shop Mr. Edochu Michael and Mr. Bwire Ronald.

In the implementation shop Mr. Hassan, Mr. Wafula Enock, Mr. Bashire Gilbert, Mr. Nyongesa Patrick. In the welding section Mr. Higenyi Alex, Mr. Muguya Ahamed, Mr. Ochwo Ernest, Mr. Vincent and Mr. Olaboro Joseph.

In the tractor driving section Mr. Ochieng David, Eng. Mukose Isaac, Mr. Kairu Franco and Mr. Mateka Kenneth.

In the light vehicle section Mr. Ouma Phillip, Mr. Kizito Emma and Mr. Mageni Godfrey and all employees in the milling section and others who are present but not mentioned

Lastly, I extend my vote of thanks to my fellow trainee with whom I attended the industrial training for the great team work exhibited and assistance throughout the training session. I am grateful for all your efforts and pray that the Almighty God reward each of us abundantly.

APPROVAL

I am presenting this report which has been done, read and produced under my efforts, to the department of agricultural mechanization and irrigation

KIBIMBA COMPANY HEAD SUPERVISOR			
NAME:			
SIGNATURE:			
DATE:			
HEAD OF DEPARTMENT OF AGRICUTYRAL MECHANISATION			
AND IRRIGATION ENGINEERING.			
NAME:			
SIGNATURE:			

DATE:

ABSTRACT

This industrial training report covers four chapters.

Chapter one covers objectives of industrial training, location, brief historical background, organization

structure, vision mission objectives and strategies of Tilda Uganda Ltd.

Chapter two covers the activities of Tilda Uganda Ltd which are machining of machine parts that are used

for repair, replacement and modification.

It also involves welding of broken machine parts.

This section is essential in that if there is any delay of repair of any machinery that has a break down it leads

to several losses to the company which include; Deuteration in production, Un even distribution of products,

Dissatisfaction of customers due to un even distribution, Loss of morale of employees to work especially

those work in field operations and milling section and other several factors.

Chapter three is handling servicing and maintenance and servicing of machineries like tractors engines and

light vehicles. This section also covers electrical shop which deals with charging of batteries and wiring of a

tractor.

This section is very essential in that it ensures that the machineries are in a good mechanical condition

before carrying out any field operation like ploughing, planting, fertilizer application and transportation of

paddy.

These chapter also covers the rice processing section which involves activities like drying of paddy, milling

packaging and labelling.

Chapter four deals with the coverage of the skills I acquired during my internship period while at Tilda

Uganda Ltd. Knowledge and attitude.

This chapter also encompasses challenges, conclusions and recommendation.

Therefore, this report is essential in the follow up of the activities done in Tilda Uganda Ltd.

νi

LISTS OF FIGURES

6
. 11
. 15
.16
17
.19
. 27
30
.31

LIST OF ACRONYMS AND ABBREVIATIONS

GOU - Government of Uganda

PTO - Power Take Off

C - Conveyor

E - Elevator

Milling - Refers to the process of removing husks and bran from paddy to obtain white rice.

Bran - Paddy from which the husks have been removed to obtain brown rice

Head rice - Milled rice with length greater or equal to three quarters of the average length of the Whole kernel [75%]

Broken rice - Milled rice lesser than the average length of the whole kernel [25%]

Kernel - Milled rice grain

Grading - Refers to the separation of head rice from broken rice

Packaging - Refers to the packing of the white milled rice in kilograms (kg) into bags ready for s

Stacking - Refers to the arrangement of the rice bags horizontally along the longitudinal axis

TABLE OF CONTENTS

CONTEN	ITS	Error! Bookmark not defined
DECLA	ARATION	j
DEDIC	ATION	i
ACKN	OWLEDGEMENTS	iv
APPRO	OVAL	v
ABSTF	RACT	v
LISTS O	F FIGURES	vi
LIST C	F ACRONYMS AND ABBREVIATIONS	vii
TABLE (OF CONTENTS	
1.0 CF	HAPTER ONE	3
1.1INT	RODUCTION	3
1.2 OB	JECTIVES OF INDUSTRIAL TRAINING	3
1.3 Bac	kground	
1.4 Loc	ation	
1.5 T	HE ADMINISTRATIVE STRUCTURE OF KIBIMBA	5
1.6 The	Vision	<i>.</i>
1.7	Γhe Mission	<i>.</i>
1.8	Γhe Objectives	<i>.</i>
1.9	Γhe strategies	<i>.</i>
CHAPTE	R TWO	
WORKSI	HOP RULES AND REGULATIONS	
EMER	GENCY CONTACT	8
CLEAN	NUP	8
2.1.1ENC	SINEERING MAHINE SHOP	9
2.1.2	Machines in the machine shop:	9
2.1.3	A Lathe Machine.	9
2.1.4 D	iagram of a lathe machine	
2.1.7	Machining a bush of a the amco bearing	13
2.3.1 Ben	ch grinding machine;	
2.3.2	Drilling machine.	16
2.3.3 Dia	gram of bench drilling machine	16
2.3.4	Functions on the main parts of the bench drilling machine	
3.4 P	ower saw:	
3.4.0 W	VELDING SHOP	

3.4.1 Arc welding;	19
3.4.2 Types of currents used in arc welding	19
3.4.5 BEADING	20
3.4.9 Welding of the broken frame part of the tiller	21
CHAPTER THREE: HANDS ON ACTIVITIES	24
3.1.0 INTRODUCTION	24
3.1.1 LIGHT SECTION	24
3.1.2 Worked on the Suspension system of a Nissan hard body pickup	24
3.1.3 Servicing a Nissan hard body pickup	24
3.1.4 Worked on land cruiser	25
3.1.5 Servicing the Brakes of the Nissan pickup	25
3.1.6 Procedures on how to remove the spare tyre of the Nissan hard body pickup	27
3.2.0 ENGINE SHOP	28
3.2.1 Engine Overhaul of the tractor	29
3.2.2Assembling the Engine	29
3.2.3 Servicing a cylinder head	30
3.3.0 ELECTRICAL SECTION Error! Book	mark not defined.
3.3.1 Battery	32
3.3.2 The inspection and Recondition	32
3.3.3 Charging a battery	33
3.3.4 Diagram of a power charging regulator	33
3.4.0 Milling section	34
3.4.1Types of drying	34
3.4.2 sun drying	34
3.4.3How to handle paddy during and after drying	35
3.4.4 Advantages of mechanical drying	35
CHAPTER FOUR:	36
CHAPTER FOUR:	
	36
4.0 LESSONS LEARNT, CHALLENGES AND RECCOMENDATIONS	36
4.0 LESSONS LEARNT, CHALLENGES AND RECCOMENDATIONS	36 36
4.0 LESSONS LEARNT, CHALLENGES AND RECCOMENDATIONS 4.1 LESSONS LEARNT AND SKILLS ACQUIRED 4.2 CHALLENGES FACED DURING THE TRAINING PERIOD	36 36 37
4.0 LESSONS LEARNT, CHALLENGES AND RECCOMENDATIONS 4.1 LESSONS LEARNT AND SKILLS ACQUIRED 4.2 CHALLENGES FACED DURING THE TRAINING PERIOD 4.3 CONCLUSION	36 36 37

1.0 CHAPTER ONE

1.1INTRODUCTION

Industrial training is one of the requirements by the university and thus every student in his or her final year doing Diploma in Agricultural Engineering is supposed to undergo it. It is intended to impart on the students the practical skills and to enable them to be able to correlate the knowledge acquired in class with the real-life situation in the company.

1.2 OBJECTIVES OF INDUSTRIAL TRAINING

- ✓ To transform the theoretical knowledge into practical skills in order to enhance hand on tool skills
- ✓ To familiarize students with the basic engineering skills
- ✓ To link the theory taught in class and/ or lecture rooms to the practical knowledge
- ✓ To study the general organization, management, layout and safety precaution in engineering field and engineering tools/equipment
- ✓ To enable students, learn how to interact with different people in the engineering field.