

51
60



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

**A REPORT ON SKILLS AND QUALIFICATIONS ATTAINED DURING INDUSTRIAL
TRAINING AT IGANGA MUNICIPAL COUNCIL (I.M.C)**

APM 1301

COMPILED BY:

KHAMIS ASHIRAF

2000401402

Khamisashirafi@gmail.com

0756936141/0772328541



EMPLOYER: IGANGA MUNICIPAL COUNCIL

**LOCATION: IGANGA MUNICIPAL COUNCIL IS LOCATED IN UGANDA'S
BUSOGA SUB-REGION. IT LIES APPROXIMATELY 45 KILOMETERS (28 MI), BY
ROAD, NORTH EAST OF THE CITY OF JINJA ON THE HIGHWAY BETWEEN
JINJA AND TORORO.**

DATE: 22nd APRIL 2022

**AN INDUSTRIAL TRAINING REPORT SUBMITTED TO THE DEPARTMENT OF
ANIMAL PRODUCTION IN PARTIAL FULFILLMENT FOR THE AWARD OF A
DEGREE OF ANIMAL PRODUCTION AND MANAGEMENT**

DECLARATION

I **Khamis Ashiraf**, hereby declare that this report is an authentic of my industrial training that I did with Iganga Municipal Council, being submitted in partial fulfillment of the requirements for the award of a Degree of Animal Production And Management from 28th February 2022 to 22nd April 2022, Busitema University, Faculty Of Agriculture and Animal Sciences, under the guidance of Dr. Mukisa Mubalaka. It has never been presented or submitted in any other University, Institution or an Organization and it fully shows the knowledge and skills learnt throughout the training session.

Signature: 

Date: 22nd / APRIL / 2022

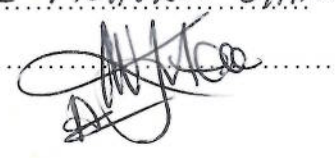
APPROVED BY:

FIELD SUPERVISOR

Name: Dr. Mukisa Mubalaka
Signature: 



ACADEMIC SUPERVISOR

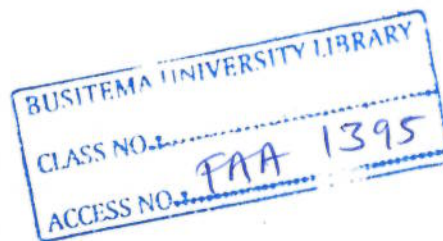
Name: DR ACHOROI CHARLES
Signature: 

20/5/2022

DEDICATION

I am dedicating this report to Almighty Allah The most gracious, the most merciful, my guide through the straight path, HE alone paved my ways and gave me the opportunities to commence and conclude this training satisfactorily, All praise and adoration is in fact due only to HIM.

To my Family; my beloved mother Mrs Kiiza Zaina for her indescribable depth of love and support, my precious Dad Mr Musaazi Karim Ally, whose humbleness, brilliance and favour for knowledge has been my key motivation, and also my brothers Kisubi Asumani, Kisubi Faizal, Musalwa Abbey, Kisambira Ally, my sisters Namukose Kamuyaati, Naigaga Lailat, Namuyindi Shamirah



ACKNOWLEDGEMENT

For two months from 28th February 2022 till 22nd April 2022, I did an internship at Iganga Municipality which is the main, municipal, administrative, and commercial centre of Iganga District, located in Uganda's Busoga sub-region.

During this training period, I was assigned to the Production Department under the supervision of Dr. Mukisa Mubalaka where I integrated the scientific and technical roles and I was also assigned many field activities besides writing the present report. This internship is a part of my 3-year Degree Programme which I conduct at Busitema University.

An endeavor is not complete and successful till the people who make it possible are given the credit for making it possible. I take this opportunity to thank all these people who have made the endeavor of mine successful for me and all.

First and foremost, I would like to extend my sincere gratitude to the Production Department, Iganga District for granting me an opportunity to train under their guidance. I am so grateful to the whole supervision team at the Municipal who have been there to see that I successfully complete my internship

I am very appreciative to my field Supervisor, Dr. Mukisa Mubalaka who gave me very in-time valuable instructions and put me in contact with experts in the field like Dr. Baligeza, the District Veterinary Officer who gave me extensive guidance regarding many practical issues. I would also like to express my gratitude to Dr. Acheloyi Charles for his permission to be my Academic supervisor and more importantly for his enthusiastic encouragements and precious instructions during my internship period. He gave me in-time feedback on my training and helped me organize an interesting presentation in which I could present my ideas and achievements to other stakeholders.

Special appreciation also goes to my fellow internees at Iganga Municipal Council especially my elder brother Dr. Njuba Denis and many others for the spirit of togetherness that they exhibited throughout the entire training period. Surely, they made me feel at home

Throughout my internship, I have learnt many things within my profession, whose benefits are far beyond what I could learn in a normal semester, I would like to thank Busitema University, Industrial training Office for introducing me to this great opportunity in which I have developed myself both academically, professionally and socially.

TABLE OF CONTENTS

| | |
|--|------|
| DECLARATION | I |
| DEDICATION | II |
| ACKNOWLEDGEMENT | III |
| TABLE OF CONTENTS | IV |
| ACRONYMS AND ABBREVIATIONS | VI |
| LIST OF TABLES AND FIGURES | VII |
| ABSTRACT | VIII |
| CHAPTER ONE: INTRODUCTION | 1 |
| 1.1 Industrial training background | 1 |
| 1.2 Objectives of the training | 2 |
| 1.3 Background of Iganga Municipal Council | 2 |
| 1.3.1 Location and Area | 2 |
| 1.3.2 Addresses | 2 |
| 1.4 Beneficiaries of Iganga Municipality | 2 |
| 1.5 Vision | 3 |
| 1.6 Mission Statement | 3 |
| 1.7 ORGANISATION STRUCTURE | 3 |
| 1.8 Natural Endowment | 3 |
| 1.8.1 Climate | 3 |
| 2.0 CHAPTER TWO: DESCRIPTION OF THE ATTACHMENT | 5 |
| 2.1 DESCRIPTION OF TASKS | 5 |
| 2.1.1 Cleaning in and around the abattoir premises | 5 |
| 2.1.2 Planting of trees around the abattoir | 6 |
| 2.1.3 POULTRY SECTION | 6 |
| 2.1.3.1 Feeding of birds | 7 |
| 2.1.3.2 Watering | 7 |
| 2.1.3.3 Vaccination | 8 |
| 2.1.3.4 Changing and turning of litter | 9 |
| 2.1.3.5 Cleaning of poultry houses | 10 |
| 2.1.4 CATTLE SECTION | 10 |
| 2.1.4.1 Castration of calves | 10 |

| | |
|---|----|
| 2.1.4.2 Dehorning | 11 |
| 2.1.4.3 Cleaning and disinfecting of the cattle houses | 12 |
| 2.1.4.4 De-worming of cattle | 12 |
| 2.1.4.5 Disease diagnosis & treatment | 13 |
| 2.1.5 MEAT INSPECTION | 14 |
| 2.1.5.1 Ante-mortem inspection | 14 |
| 2.1.5.2 Post mortem inspection | 15 |
| 2.1.6 PIG SECTION | 17 |
| 2.1.6.1 Feeding | 17 |
| 2.1.6.2 Watering | 17 |
| 2.1.6.3 Cleaning and disinfecting of pigsties | 18 |
| 2.1.6.4 De-worming and administering of iron to piglets | 18 |
| 3.0 CHAPTER THREE: IMPACT OF THE ATTACHMENT | 19 |
| 3.1 Social conditions | 19 |
| 3.2 Mentoring condition | 19 |
| 3.3 Skills and qualifications gained | 19 |
| 3.4 Challenges that I faced during my industrial training | 20 |
| 3.5 Responsibilities undertaken during my internship; | 20 |
| 3.6 Influence of training on the future | 20 |
| 3.7 Correlation of activities with classroom knowledge | 20 |
| 4.0 CHAPTER FOUR: CONCLUSION AND RECOMMENDATION | 21 |
| 4.1 CONCLUSION | 21 |
| 4.2 RECOMMENDATIONS | 21 |
| APPENDICES | 22 |
| APPENDIX 1: IGANGA MUNICIPAL COUNCIL INTERNSHIP WORK PLAN | 22 |
| APPENDIX 2: POULTRY MANAGEMENT PRACTICES | 24 |
| APPENDIX 3: CATTLE MANAGEMENT PRACTICES | 25 |
| APPENDIX 4: MEAT INSPECTION | 26 |
| APPENDIX 5: SOME DISEASES AND CONDITIONS AT POST-MORTEM | 27 |
| REFERENCES | 28 |

ACRONYMS AND ABBREVIATIONS

AM: Ante-mortem

BCS: Body Condition Score

CBP: Contagious Bovine Papillomatosis

CBF: Community Based Facilitator

ECF: East Coast Fever

FMD: Foot-and-mouth disease

HIV/AIDS: Human Immune Virus/ Acquired Immune Deficiency Syndrome

HOD: Head of Department

IMC: Iganga Municipal Council

IMO: Indigenous Micro Organisms

IM: Intra-muscular

IV: Intra-venous

IHR: International Health Regulations

LSD: Lumpy Skin Disease

PM: Post-mortem

LIST OF TABLES AND FIGURES

| | |
|---|----|
| Table 1.1: Drugs used for prophylaxis in poultry..... | 7 |
| Table 1.2: The vaccination routine..... | 8 |
| Table 1.3: Diseases attended to during my attachment..... | 13 |
| Figure 1.1: Organization structure of IMC..... | 3 |
| Figure 2.1: Providing water to chicks..... | 24 |
| Figure 2.2: Vaccinating birds against Marek's disease..... | 24 |
| Figure 2.3: Disinfecting poultry houses..... | 24 |
| Figure 2.4: Feeding layer birds..... | 24 |
| Figure 3.1: Treating of cattle against ECF..... | 25 |
| Figure 3.2: Attending to a CBP cow..... | 25 |
| Figure 3.3: Prophylactic treatment..... | 25 |
| Figure 3.4: Manual chopping of elephant grass for dairy cattle..... | 25 |
| Figure 4.1: Ante-mortem inspection..... | 26 |
| Figure 4.2: Inspecting the pluck..... | 26 |
| Figure 4.3: Inspecting the carcass..... | 26 |
| Figure 4.4: Cleaning of the Slaughter house..... | 26 |
| Figure 5.1: Hydatid cysts..... | 27 |
| Figure 5.2: Liver cirrhosis..... | 27 |
| Figure 5.3: Kidney affected by cysts..... | 27 |
| Figure 5.4: Hard ware disease..... | 27 |
| Figure 5.5: Fascioliasis..... | 27 |
| Figure 5.6: Endo-parasites (Haemonchus)..... | 27 |

ABSTRACT

The industrial training was undertaken for the period of two months from 28th February 2022 to 22nd April 2022 at Iganga Municipal Council. This report contains and describes the activities implemented, skills and qualifications gained, challenges faced during the training period such as financial constraints and lack of veterinary drugs at the Municipal Council, conclusion and recommendations that I derived from the challenges that I faced while at IMC for example The MAAIF should increase on the transport facilities in the Production Department.

The objective of this industrial training is to make students benefit from the skills and knowledge gained from the field, apply the theoretical part of their program of study into the field and build confidence in the students. During my industrial training, I was attached to the department of Animal Production, Iganga Municipality by the district Human Resource Manager. This was followed by an orientation where I was first introduced to the Community Based Facilitators at Iganga Municipal Council and in the abattoir, briefed about my role within the Institution during my training and also carried out a survey around Iganga Municipality where I came to know its location and boundaries. During my attachment, I carried out different field activities such as cleaning the abattoir, vaccination of birds, feeding of birds, changing of poultry litter, disinfecting of poultry houses, egg collection, de-worming of shoats and cattle, castration, de-horning, prophylactic treatments and activities, meat inspection. All these activities have made me to gain a lot of valuable skills and practical work knowledge like skills in dehorning, castration, and meat inspection, general treatment of animals, communication skills and confidence within myself. ; I gained a lot of skills, knowledge and mentorship in line with my career and profession. For example I used many drugs during my training to treat veterinary diseases like infectious diseases, parasitic diseases, protozoan diseases, bacterial and viral diseases such as ECF, CBP, Hypocalcaemia, Fascioliasis in animals, and Newcastle, Infectious Corrynza, Coccidiosis in poultry other measures or techniques and operations were carried out to prevent some cases which may be disease related or not like deworming, dehorning, castration

Nevertheless, regardless of some of the challenges that I faced, All praise goes to Almighty God that I was in position to implement all activities and the Industrial training was a success. After attaining several skills within in Animal husbandry, I am now endowed with the capacity to handle and manage some areas within my profession that I am pursuing; I therefore hope to apply all the skills, knowledge, experience and mentorship into the field after my graduation.

CHAPTER ONE: INTRODUCTION

This report was written in partial fulfillment for the Award of a Degree in Animal Production and Management at Busitema University. Its major purpose is to deliver information to stakeholders and the University. It is also intended to act as a record of activities, skills and the extent of field experience obtained from the eight weeks I have been at Iganga Municipal Council.

1.1 Industrial training background

The industrial training is a field-based practical training experience that prepares trainees for the tasks they are expected to perform on completion of their University training. The scheme was designed to expose students to industrial environment and enable them develop occupational competencies so that they can readily contribute their quota to the National economy and technological development after graduation.

This report is therefore based on my practical and theoretical experiences gained during my 8-week training period with Iganga Municipal Council. This report is written and outlined in accordance with the guidelines in the University's **LOG BOOK** thus; the report is divided into 4 chapters preceded by preliminary pages.

Chapter one, contains details of the profile of Iganga Municipal Council, whose mission is to improve the quality of life All residents Through commercial Rejuvenation, Enhancement Of service Delivery, Sustainable Environment And Industrial Revitalization and the objectives of the training

Chapter two includes details of the students' experiences; the position occupied as an Animal production expert, the duties and responsibilities such as meat inspection, blood and bone meal processing, castration, de-horning among others

Chapter three contains an evaluation of the entire field attachment period, including details of activities accomplished, benefits derived, skills gained, and the challenges encountered

Chapter four has the conclusion and recommendations which include a summary of key conclusions derived from the training experience and general observations about the sector in which the institution operates