



**TECHNICAL REPORT ON
STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES)
REPORT**

***UNDERTAKEN AT
MIKKY INTEGRATED SERVICES LTD***

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SUBMITTED TO:

**THE SIWES CORDINATOR
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DEDICATION

I dedicate this technical report to the Almighty Allah, the giver of knowledge, wisdom and who is rich in mercy.

ACKNOWLEDGEMENT

I take this opportunity to express my profound gratitude and deep regards to the creator of heaven and earth, the one who knows the beginning and the end, the alpha and the omega, the Almighty Allah and also to my guides (MR & MRS Adedokun), and to all those who has helped me during my SIWES programme. The blessing help and guidance given by them, time to time has carry me so this far and shall carry on the journey of life on which I am about to embark. I also take this opportunity to express a deep sense of gratitude to compliment my mentor for his cordial support valuable information and guidance which helped me in completing my SIWES through various stages.

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CHAPTER ONE

INTRODUCTION

SIWES is an acronym of student industrial work experience scheme. SIWES is an effective instrument used for exposing student to the realities of the work environment in Nigeria, especially and the world in general, in their various profession so as to achieve the needed technological advance for the nation.

SOME OF THE AIM OF SIWES ARE:

1. To provide for the student opportunities to be involved in the practical aspect of their respective disciplines. This bridging the gap between the practical aspect taught in the class and the real world situation
2. To expose student to latest development or technological innovation in their chosen profession
3. To prepare students for industrial working environment they are likely to meet after graduation

BRIEF HISTORY OF SIWES

The student industrial work experience scheme (**SIWES**) is skill training program designed to expose and prepare student of universities, polytechnic college of technology and others for the industrial work experience they are likely to meet after graduation.

the scheme also afford student of opportunity of familiarizing and exposing themselves to the needed experience in handling equipment and machineries that are usually not available to their institution, the Industrial Training Fund(ITF) funded the scheme during its formative year in 1973/74 but as the financial

involvement became unbearable fund withdraw from the scheme in 1978. The federal government handed over the scheme in 1979 to both the National Universities Commission (**NUC**) and the national board for technical education (**NBTE**) later, the federal government in November 1984 revert the management and the implementation of the SIWES program to (**ITF**) and it was effectively taken over by the industrial training fund in July 1985 with the funding being solely borne by the federal government.

IMPORTANCE AND OBJECTIVE OF SIWES

In regards to the SIWES handbook, the specific objectives and importance of the SIWES are to:

1. Provide an avenue for student institution of higher learning to acquire industrial skills and experience in their course of study
2. Prepare student for the industrial work experience they are to undergo after graduation.
3. Provide student with an opportunity to apply their knowledge real work situation there by bridging the gap between theory and practical
4. To satisfy accreditation requirement set by NBTE
5. To provide student an opportunity to see the real world of their discipline and consequently bridge the gap between the classroom and real work situation
6. To enable student asses interest suitable for their chosen profession

CHAPTER TWO

BRIEF HISTORY OF MIKKY INTEGRATED SERVICES LTD

The Farms was created in 2021. At State creation, it was named as the years went by, it was renamed Mikky Farms & Natural resources and was established as a whole Company in March, 2009 by the then Mojeed Mukaila. The administration in quest to put Agriculture in its rightful position as the major driver of economic growth ranked it first in its policy framework of “A CARING HEART” where ‘A’ denotes Agriculture and Food Security.

The company is made up of various Departments and Agencies which are mentioned:

- Agricultural extension Department
- Planning Monitoring and Evaluation Department
- Technical Service Department
- Human Resource Development Department
- Rural Institute development Department
- Finance Department
- Engineering Department
- Admin and General Service Department

2.1 Objectives of Mikky Ltd

- i. To promote accelerated development of Agricultural activities in the State
- ii. Self-sufficiency in basic food commodities in which the state has comparative advantage in their production
- iii. Transforming Agriculture from the level of subsistence agriculture to commercial level through mechanization
- iv. Increased production of livestock and fisheries to improve the animal protein intake in the diet of the populace v. Increased production of agricultural raw materials for the agro-based and allied industries

CHAPTER THREE

TECHNICAL TRAINING EXPERIENCE

WEEK 1:

The size of nail 2,3,4, and 5 inches which are measured with the scale and size of 1kilo, 2kilo,3kilo,4kilo and quarter bag and the size of tonalido or concrete 1,1^{1/2},2, 2^{1/2},3,4 inches and also name of rods and size of 25,22,19,16 inches, China pin is used for pinning chair and name of pods are size 25,22,19,16 inches.



Nail

WEEK 2:

Also the name of edges tape: Wenge, Acala, Off White , Gloss ,White, Amala, Switch, Umon, Orange Etc and also the size of foam used by furniture's for chair legs 2^{1/2}, 1^{1/2},2,3,4,5,inches, Size of painting brush are : 1, 1^{1/2},2,2^{1/2} and its used to paint house the size include 1, 1^{1/2},2,2^{1/2},3,4,5,

WEEK 3:

Type of roofing State (roofing) slat 4*4 nigerite, toprite,Abijarite and they also have the type of shelt solo nigerite roofing , I also learn the size of ridges we have 114 feet 16feet and 10feet and they are used to cover the open place in a roof.

Type of Hinges: Butterfly hinges, luxuryhinges and ordinary hinges which are used to hold two doors together and also Sink nail: its used for rooting sheet the size include 2^{1/2}and 2 inches

WEEK 4:

Stamp are used for stamping paper document and polish which is used to spary wooden door, there are type of sand paper: Which are sharp smooth and flash band with 2 and 3 and the size of tack nails 3/4, 5/8, tacknail is used by furniture to attach a foam and a wood together,

Josa brush: its used by plumbers the river pin used by furniture and sawnblade also used by furniture.

WEEK 5:

They also types of pop which are dessing, plane, patter, Niger, toprite desing and plane .we have binding wires wire size are 11 KG and 13KG cabinets beats they are size includes 25, 30,35, and 32. dear, There are two type of polish used by furniture, and they also type of Polish, namely, Polish black, and Polish brown, the measurement of flash band, using the measuring tape, which is 3 feet per yard.

WEEK 6:

The type of flash band that we have a Jonson , Robson etc. the flash band is used for wakal roof Yeah, they are chemical use for preventing wood, and they include Timberlocks, solyavaid, sinper e tc .they are also ordinary pan used for roofing and they include White Pan, Canerom, and plastic zinc, The Cameroon zinc is a type of zinc that does not rust,it's is everlasting and it's worth is 100,000 per bundle. Runner: It is used for drawers the size 10, 12,14, 16,18



Wood Runner

Week 7: The type of doors and they include oma, omatricks , and the type of standard and toilet, Cylinder: key are use for doors and they include big and small, original and ordinary.

We also have stamper and there size include 4,6,8 etc and it is used for doors it's also known as open and close , Scraper : it's is used by bricklayers to smoothen the wall. Hasp and staple : it's is used for doors handle



Scraper

WEEK 8:

Type of Netting wire, gross net, higher net, massmech, wire mech net etc, Driving machine: it's used by carpenter stoodrul Hoc in a board and it's has different products total.

They are also types of tyriod use for POP and they include the Plane and design tyriod, wall drope keys : the elephant keys which is that 2TT and the elophant 1TR .

Bed hook is use for arranging bed frame



Shovel

WEEK 9:

Protective jackets is used by engineers in company and we have two common colors which are orange and lemon color. Circular bush. It is use for cutting boards and it's also know as carbon brush

Padlock used for security purpose and it's under a different products which include T best, Alarm lock, etc survivor tape it is used for measuring land. D.D chemical, sniper pocket DD chemical is used to prevent Wood from pest.



Padlock



Circular Brush

WEEK 10:

Chemical used for killing, pets, weeds and brush and they include force up , weeds and bush hand thiy include force up rocket at take paratus etc, Sawn used by furniture and their product includes Total, 2 pet, Jetcut, sawn e.t.c.

Cutlass we have to type of Cutlass and they include the small and big ,We also have the ananda , Cutlass and Ordinary one. Plywood- their size include 1/2 etc and it's used by furniture to build stood etc and there are also foam which includes 1/2 and also known as D14. Paraeforelce is use for clearing grasses and also dragon

WEEK 11:

We have spray doors there color include black, pink, gray, brown, gold and sliver. Door hinges size include 4,3,2 and 21/2.

We also have butterfly hinges and there color includes gold and silver, we also have luxury hinges cabinet. They have three types which are ordinary, hydrome and Hog hinges.

Glass stand. It is olives in color and it is used for glass fence wire. It is used to go to the fence to prevent ourselves

WEEK 12:

Type of boat HDF, MDF, soft but hard board. they are different colors of MDF board and they include white, off-white, pink, orange, purple, Alkali, Amala switch weage etc ,the use of board :It is used by furniture to make stood, wardrobe frame and bedframe, etc, the color of board include Mable, wenge, cloud, Titus , lemon, white, Akala mazonal, dark gray, etc. The name of

wood included; Akuwn, Aboro, Iroko, okilolo, otu , tiara etc wooden door is made from wood, and it is used for protection.

WEEK 14:

Type of Castor include straight castor, work cup castor, adjustable castor and baby castor. Parliament hook: it is used for hanging something e.g dressing mirror, frame. Soloslate: it is used to cover house instead of using aluminum zinc type of its Include : Solo slate, plain, design, etc.

Hinges are used to hold frame and door together the type include luxury hinges , butterfly hinges and ordinary hinges. Abestors includes design, prestige, royal and we have the plain , top rite, Abujarire and nigerrite

WEEK 15:

Glove wire it is used for window and put three the size includes 3 feet and 4 feet Rampion Leilana it is used for ramping furniture work such as wardrobe, chair , and table. Covection is used for handling pole size which includes 18mm, 22mm, 25mm and the type include flat one and round one

Polish: It is used for spraying door they includes brown polish, black polish, etc. Electrode type include grad 12 and 10

WEEK 16:

Chemical and the type include Solignum, timber lock and also have the plastic one and thin one, it is used for killing would insecticide “ the size of wood include 2 by 2’ 2by3’ 2by4’and 2by6

Scrappers: It is used by bricklayer to smoothen the wall, we have doors spray they include black, pink, gray, brown, gold and silver. We also have butterfly hinges and the color include gold and silver

CHAPTER FOUR

RECOMMENDATION

Going through some of the experience gained during the programme I recommend that there is need for improvement on some of the activities both in the media organization where I served and the school.

1. The time deviation for the programme should be extended for more than a month.
2. Media organization should create more practical knowledge for the students for them to acquire more knowledge from their versatile staffs.

CHAPTER FIVE

CONCLUSION

SIWES was established to provide opportunities for student to be involved in the practical aspect of their respective discipline in the industrial working environment. During my 4 month industrial training I gained a wide range of experience for the various assignments undertaken such as programme production and presentation, programme recording and editing process. All the experience gained helped to fulfill the objectives of SIWES.

REFERENCE

New Oxford Dictionary (Reversed Edition)

Website page: <https://www.tescopl.com>