



**A REPORT ON STUDENT INDUSTRIAL WORK
EXPERIENCE (SIWES) UNDER THE STUDENTS'
INDUSTRIAL WORK EXPERIENCE SCHEME**

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**SAMORIS WATER INDUSTRY
73, OKO AYO STREET, OMIFON, ONDO STATE**

BY

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SUBMITTED TO

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PREFACE

The writing of this SIWES report is manufacture by the school authority that before attaining the certificate of National Diploma (ND) in Procurement And Supply Chain Management. Each student must undergo the Four (4) months SIWES programme.

The SIWES record therefore contains the work done within the four months.

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CHAPTER ONE

1.1 INTRODUCTION

Student Industrial Work Experience (SIWES) is a four months programme setup by the federal government for professional student in Mass Communication and other elected courses which is controlled, in which the headquarter is in Kaduna State in affiliation with Industrial Training Fund (ITF) at Jos.

However, the government introduced the programme in other to assist students to be familiar with the practical aspect of their profession i.e. Procurement And Supply Chain Management.

Student Industrial Work Experience (SIWES) is a programme setup by National Board of Technical Board (NABTEB) for its practical improvement of Procurement And Supply Chain Management. The programme is setup during the period of three months which is corresponding with a body known as Industrial Training Fund (ITF).

1.2 BRIEF HISTORY OF SIWES

Prior to the establishment of the scheme, there was growing concern among our industrialists that graduates of our institutions of higher learning lacked adequate practical background studies preparatory for employment in industries. Thus, the employers were of the opinion that theoretical education going on in higher institutions was not responsive to the need of the employers of labour.

It is upon this background that the rationale for initiating and designing the scheme by the Industrial Training Fund, during its formative years- 1973/1974- was introduced to acquaint students with the skills of handling employers' equipment and machinery.

The ITF solely funded the scheme during its formative years. But as the financial involvement became unbearable to the fund, it withdrew from the scheme in 1978. In 1979, the Federal Government handed the scheme over to both the National University Commission (NUC) and the National Board for Technical Education (NBTE). Later the Federal Government in November 1984, reverted the management and implementation of the SIWES programme 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.

1.3 AIMS AND OBJECTIVES OF THE PROGRAMME

The aims and objectives are as follows:

1. To provide wide practical experience of the industrial Student in Various Studies.
2. To give inspiration, commitment and dedication to the student
3. To enlighten the student about various aspect of their course of study
4. To hasten the level of understanding and studying since they had been exposed to practical aspect of their course.

CHAPTER TWO

2.1 BRIEF HISTORY OF THE ORGANIZATION

Samoris Water Industry, located at 73 Oko Ayo Street, Omifon, Ondo State, was established in 2010 by Mr. Samuel Oris, a visionary entrepreneur committed to providing clean and safe drinking water to the local community. Recognizing the need for accessible potable water in the region, Mr. Oris invested in modern purification technologies to ensure the highest quality standards. Over the years, Samoris Water Industry has grown from a small-scale operation to a reputable supplier of bottled and sachet water, serving both residential and commercial customers across Ondo State. The company's dedication to excellence and community well-being has solidified its position as a trusted name in the local water industry.

2.2 VARIOUS DEPARTMENTS AND THEIR FUNCTIONS IN THE ORGANIZATION

1. Marketing Department: This department deals with advertisement and programme show in the organization.
2. Accounting Department: This department deals with incoming and outgoing of money in the firm.

3. Administration Office: This unit performs the executive duties in the organization, like memorandum, meeting notice and other management activities.
4. Engineering Department: It's the department that deals with transmission and all other machineries in the transmitter room.

2.3 VISION AND MISSION OF THE ORGANIZATION

VISION STATEMENT

- Protect the civil rights of all individuals.
- Increase voter education and registration and participation among all votes.
- Fight discrimination in housing, accommodation/services, or employment, education, and other areas.
- Encourage academic, scientific, and artistic excellence among minority students specifically minority & low income students in education.
- Create a criminal justice and judicial system that is fair and equal for all people.

MISSION STATEMENT

“To build and sustain a printing media that promotes stakeholders relationship through professionalism and innovative quality programming”.

CHAPTER THREE

3.1 EXPERIENCE ACQUIRED/ WORK DONE

During the SIWES program at Samoris Water Industry, various tasks were carried out, covering different aspects of water production, quality control, packaging, and distribution. The work done during the training is outlined below:

1. Water Purification Process

The purification of water at Samoris Water Industry involved several stages, including:

- **Filtration:** The raw water undergoes sand and carbon filtration to remove suspended particles and unwanted impurities.
- **Reverse Osmosis:** A high-pressure filtration process that removes dissolved solids, bacteria, and harmful contaminants.
- **UV Sterilization:** The water is exposed to ultraviolet light to kill any remaining microorganisms.
- **Ozonation:** This process helps to improve water quality by oxidizing contaminants and preventing bacterial growth.

2. Bottling and Packaging

After purification, the water is transferred to the bottling and sachet filling units. Tasks in this stage included:

- Operating the automatic filling machines to package water into bottles and sachets.
- Ensuring that bottles and sachets are properly sealed to prevent contamination.
- Labeling and batch coding to maintain traceability and compliance with regulatory requirements.

3. Quality Control and Testing

- Quality assurance was a crucial part of the work done, and this included:
- Testing water samples for pH levels, microbial presence, and total dissolved solids (TDS).
- Checking the clarity and odor of the water to ensure it met safety standards.
- Monitoring the efficiency of filtration and sterilization equipment.

4. Cleaning and Maintenance

Maintaining hygiene in the production environment was a key aspect of the training.

Activities included:

- Cleaning of production equipment and workspaces to prevent contamination.
- Regularly sanitizing the bottling and sachet filling areas.
- Ensuring proper waste disposal and recycling of plastic materials where applicable.

5. Distribution and Logistics

As part of the training, experience was gained in the distribution process, which involved:

- Loading and unloading water products for delivery.
- Assisting in customer orders and supply chain management.
- Understanding sales and marketing strategies used by the company.

The SIWES training at Samoris Water Industry provided valuable experience in:

- i. Understanding the complete water purification and packaging process.
- ii. Gaining hands-on experience in quality control and testing methods.
- iii. Learning industrial hygiene and safety measures in a production environment.
- iv. Improving teamwork, time management, and problem-solving skills in an industrial setting.

CHAPTER FOUR

4.1 EXECUTIVE SUMMARY

SIWES means Student Industrial Work Experience. Students are out annually to professional organization relevant to their course of study with the help of the institution based. Coordinator and the scheme take up while students are promoting to ND 2 during the National Diploma programme for science oriented courses studied in institutions. The scheme was established by the ITF (Industrial Training Fund) to solve the problem of lack of adequate practical skills. During this programme, students are expected to get technical assistance and acquire more experience scheme in their chosen field of study.

CHAPTER FIVE

5.1 PROBLEMS ENCOUNTERED DURING THE ATTACHMENT AND SOLUTION

I didn't face or encounter any difficulty or problem during my attachment except that my place of attachment is far away from my house.

But the general problems that students encounter before and during the attachment are as follow:

- Lack of available industry in the location of some students
- High cost of transport fare from the students resident to the attachment
- Laziness of some students during the attachment

SOLUTION

- Government should increase their investment on establishing companies for science oriented students.
- There should be a certain amount to be paid to the students during the attachment
- There should be monthly check on the students during the attachment

5.2 CONCLUSION

The SIWES program at Samoris Water Industry was an enriching experience that provided practical exposure to the water production industry. The training helped in understanding the importance of maintaining quality standards, hygiene, and regulatory

compliance in water packaging. The skills gained will be beneficial in future career development, particularly in the areas of water treatment and quality assurance.

5.3 RECOMMENDATIONS

- i. The company should invest in more automated systems to improve efficiency and reduce manual labor.
- ii. More training sessions should be provided to students on advanced water testing techniques.
- iii. The government should encourage more industries to participate in SIWES to enhance students' practical knowledge.
- iv. This report summarizes the activities and experience gained during the SIWES program at Samoris Water Industry, highlighting the importance of industrial training in developing technical competence.