



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

UNDERTAKEN @

**POLAR PETROCHEMICAL NIG LIMITED
LADUBA INDUSTRIAL LAYOUT, AFON ROAD LADUBA, ASA, KWARA
STATE, NIGERIA**

BY

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ND/23/PSM/FT/0171**

SUBMITTED TO

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POLYTECHNIC, ILORIN**

**IN PARTIAL FULFILLMENT OF THE AWARD OF THE REQUIREMENT OF
THE AWARD OF NATIONAL DIPLOMA IN PROCUREMENT AND SUPPLY
CHAIN MANAGEMENT**

AUGUST-NOVEMBER 2024

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. Mass Communication.

Student Industrial Work Experience (SIWES) is a programme setup by National Board of Technical Board (NABTEB) for its practical improvement of mass communication. 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

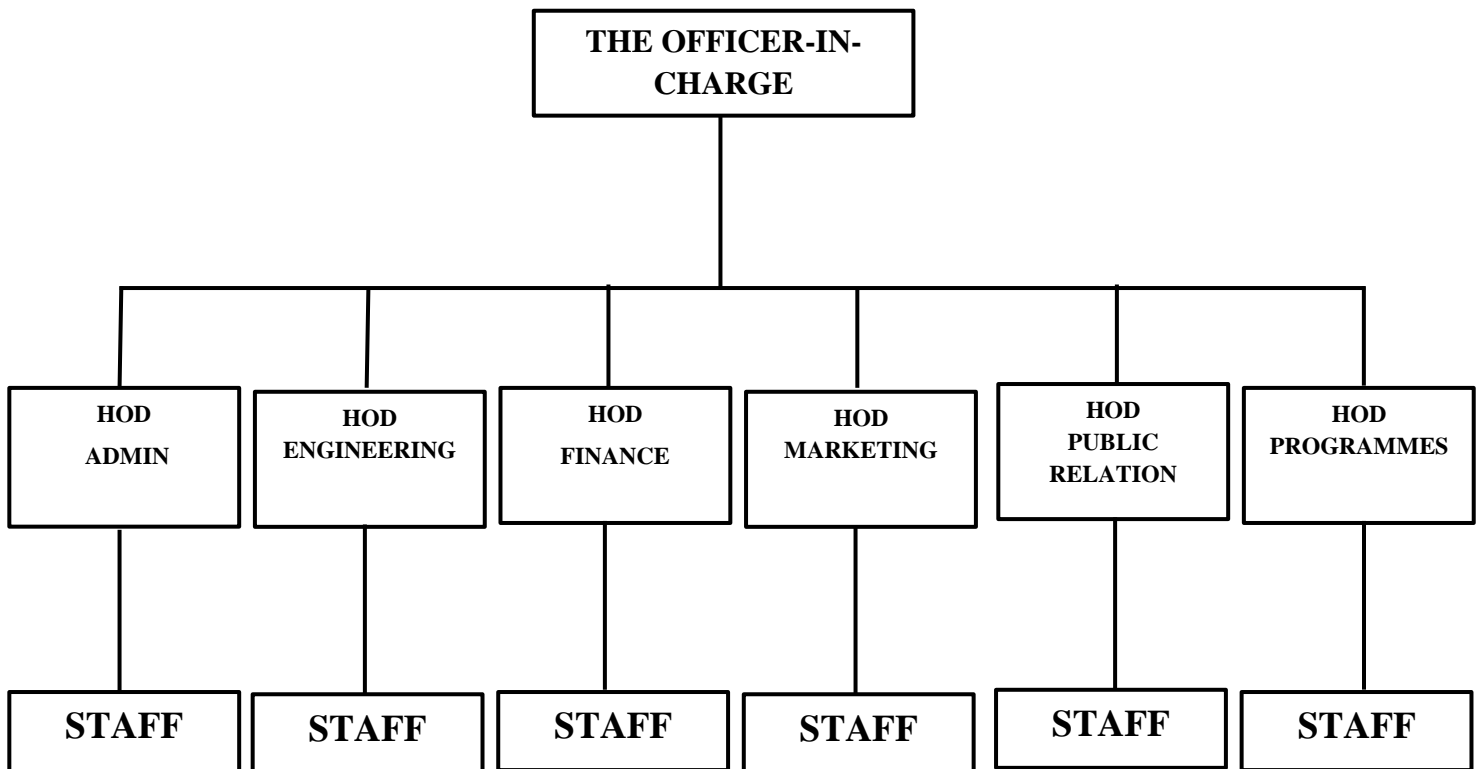
2.1 BRIEF HISTORY OF THE ORGANIZATION

Polar Petrochemical Nig Limited was founded in Laduba Industrial Layout, Afon Road, Laduba, Asa, Kwara State, Nigeria. The company commenced operations as a manufacturer and supplier of petrochemical products. Over time, it expanded its product line to meet the growing demands of the Nigerian market. A major milestone was achieved when the company began exporting its products to neighboring countries. Through dedication and hard work, Polar Petrochemical Nig Limited has celebrated years of operations and excellence in the petrochemical industry.

2.2 VARIOUS DEPARTMENTS AND THEIR FUNCTIONS IN THE ORGANIZATION

1. Engineering Department: It's the department that deals with transmission and all other machineries in the transmitter room.
2. Marketing Department: This department deals with advertisement and programme show in the organization.
3. Accounting Department: This department deals with incoming and outgoing of money in the firm.
4. Administration Office: This unit performs the executive duties in the organization, like memorandum, meeting notice and other management activities.

2.3 ORGANOGRAM OF THE ORGANIZATION



2.4 VISION AND MISSION OF THE ORGANIZATION

VISION STATEMENT

To be the leading and most trusted indigenous producer of high-quality lubricants and petrochemical products in Africa, driven by innovation, excellence, and sustainability.

MISSION STATEMENT

To deliver premium petroleum-based products that meet international standards, through cutting-edge technology, strategic partnerships, and a commitment to customer satisfaction, while contributing to the growth of Nigeria's energy sector and economy.

CHAPTER THREE

3.1 EXPERIENCE ACQUIRED/ WORK DONE

During my Student Industrial Work Experience Scheme (SIWES) at Polar Petrochemicals Nig. Limited, I was exposed to various practical aspects of operations within the oil and gas and petrochemical industry. My training covered the following areas:

1. Lubricant Blending Process

Assisted in observing and understanding the blending of base oils with additives to produce different grades of automotive and industrial lubricants.

Gained knowledge of quality control procedures to ensure product standards were met.

2. Packaging and Labeling Operations

Participated in the packaging and labeling of finished lubricants in various container sizes.

Observed the use of automated filling machines and sealing equipment.

3. Inventory and Warehouse Management

Assisted in organizing and monitoring inventory of raw materials and finished products.

Learned how stock levels are maintained and documented for effective production flow.

4. Health, Safety, and Environmental (HSE) Practices

Participated in safety briefings and learned about the importance of personal protective equipment (PPE).

Observed the enforcement of HSE policies in line with industrial safety standards.

5. Plant Equipment Maintenance

Observed routine maintenance of blending and packaging machines.

Learned about the preventive maintenance schedules and basic troubleshooting techniques.

6. Administrative and Documentation Tasks

Assisted in updating production records, inventory logs, and customer order processing.

Gained insights into how documentation supports operational efficiency and regulatory compliance.

This experience enhanced my understanding of the practical applications of petrochemical processes, quality assurance, safety management, and industrial operations.

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

Student Industrial Work Experience (SIWES) is a scheme that improves the technical knowledge of students in the Nigeria institutions. The scheme exposes students to working method and techniques in handling equipment's and machinery that may not

be available in their institutions. It is a good process that every science oriented courses must undergo.

Lastly, big thanks to the Industrial Training Fund (ITF) for the establishment of SIWES which now serves as an opportunity for we students of the Nigeria institution.

5.3 RECOMMENDATIONS

Federal government, as a matter of responsibilities has to contribute immensely to the uplifts of this programme by putting in place a considerable compensation for the students who embarked on this kind of stressful and deadly programme. The federal government has a lot of role to play in building up a brighter future for us in order to maintain the peace and stability of the state.

Secondly, a lot of task also lies on the school authority to orientate and enlighten their students on the expected things they are going to face or encounter pleasantly or in the other hand when they get to their various placements of works before the commencement of the programme.

Thirdly, there should be rigorous inspection and supervision as some students count and envisage this programme as a mere task and they should as well enhance their strength and bestow and hefty mark on it.

Lastly, students need money for their upbringing and sponsorship, so I will urge the federal government to make the allowance more attractive to boost the students' morale.