

# STANDARDS IN BRIEF

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Standards are documents established by **consensus** approved by a **recognized body** (Standards Organisation of Nigeria ), that provides for common and repeated use, rules, guidelines or characteristic for activities or their results aimed at the achievement of the optimum degree of order in a given context.

# SCHOOL BUS STANDARDS

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- GUIDELINES FOR SCHOOL BUS OPERATION
- SPECIFICATION FOR SCHOOL BUS

# PART 1

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## GUIDELINES FOR SCHOOL BUS OPERATION

# INTRODUCTION

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The guidelines have become necessary in order to satisfy the urgent need/demand for minimum requirements for School Bus operation in Nigeria especially in the personnel requirements.

The guidelines was elaborated by the Technical Committee for School Bus Standards with reference to national and international regulations/guideline as well as comment from relevant stakeholders across the country.

# SCOPE

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The guidelines for School Bus operation specifies operational and personnel requirements for operating school bus services in Nigeria.

# TERMINOLOGY

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- **School Bus**: A large motor vehicle that *takes students to and from school* or on *school-related trips*
- **School Bus Driver**: A School Bus Driver is a person who drives School Bus *professionally*
- **Assistant School Bus Driver**: A qualified and *licensed driver* who acts as assistant to a school Bus Driver and *conduct the students* in the school bus

# TERMINOLOGY *cont...*

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- **School bus Operator**: An entrepreneur who acquires an *approved School Bus* type and engages in the business of *conveying students* to and from school
- **School Bus Operators Permit**: A document which *certifies* the technical and managerial competence of an *entrepreneur to operate a school Bus*.

# TYPES OF SCHOOL BUSES

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## TYPE 'A'

- **Type 'A' 1** – A Bus that accommodates *eighteen (18) persons* including the school bus driver and the school bus driver assistant.
- **Type 'A' 2** – A bus that has an extended capacity to accommodate *twenty two (22) persons*; including the school bus driver and the school bus driver assistant.

# TYPES OF SCHOOL BUSES *cont...*

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## TYPE 'B'

- **Type 'B' 1** – A bus that accommodates *twenty eight (28) persons* including the school bus driver and the school bus driver assistant.
- **Type 'B' 2** – A bus that has an extended capacity to accommodate *thirty five (35) persons* including the school bus driver and the school bus driver assistant.

# TYPES OF SCHOOL BUSES *cont...*

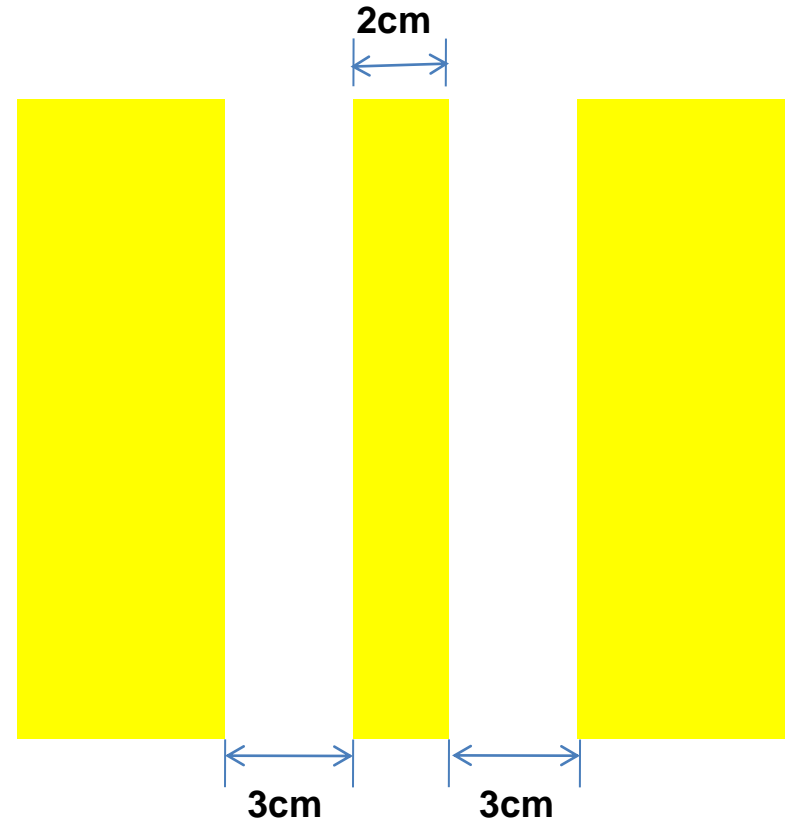
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**Type 'C'** – A bus that has a maximum seating capacity to accommodate *seventy two (72) persons*; including the school bus driver and the assistant school bus driver.

**Note:** *School Proprietors or school bus operators are at liberty to choose any of the School Bus types enumerated above that suits their population and individual needs. In all these types there must be a provision for separate seat for the school bus driver and assistant.*

# IDENTIFICATION OF SCHOOL BUS

School Bus is to be uniformly coloured and the exterior is to have a **yellow** (*Hexadecimal Colour Code: FFFF00*) background with *two white stripes (3cm), spaced by 2cm* running from the bonnet upwards across the roof down the backend.



# IDENTIFICATION OF SCHOOL BUS *cont...*



The School Bus exterior is to have the ***inscription of the name of School, the logo, serialized code*** on both sides and at the front view.

# IDENTIFICATION OF SCHOOL BUS *cont...*



School Bus is to be conspicuously marked “**SCHOOL BUS**” above the wind screen, close to the bus roof

# REQUIREMENTS FOR DRIVERS AND ASSISTANTS

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- Professional School Bus Driver and Assistance School Bus Driver,
- General Medical Fitness Test, alcohol/Drug Test,
- Mandatory Mental Health and Acuity Test,
- No criminal record of indictment or jail terms.

# PROCESS OF SELECTING SCHOOL BUS DRIVER AND ASSISTANT SCHOOL BUS DRIVER

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- Public advert for competitive selection process,
- Written application,
- Minimum of five (5) years driving experience,
- Junior School Certificate (JSS3) or Trade Test (III) Certificate minimum academic qualification.

# REQUIREMENTS FOR OBTAINING OPERATORS PERMIT

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- Professional School Bus Operating Permit,
- The Operator's permit shall be valid for three (3) years,
- The Operating License is not transferable,
- Prospective School Bus Driver shall possess a valid National Driver's License.

# TRAINING MODULES FOR SCHOOL BUS DRIVERS AND ASSISTANTS

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## **Module 1**

An in-service training programme, which may include seminars, workshops and conferences.

## **Module 2**

A well designed training programme organized purposely for School Bus Drivers and Driver Assistants during long vacations. This is to ensure that they are usefully engaged during this period.

## **Module 3**

On the job training, such as knowledge of routes and child psychology.

# WELFARE SCHEME FOR SCHOOL BUS DRIVERS AND DRIVER ASSISTANTS

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- This could come in form of end-of-year Non-Accident Bonus/Award,
- mandatory rest period between the time of commencement of classes and the time the students will be transported back to their various homes.

# SCHOOL BUS INSURANCE POLICY

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The School Bus Operator is to acquire a comprehensive Insurance cover for both the bus(es) and the occupants of the vehicles from Insurance Company registered by National Insurance Commission

# SAFETY REQUIREMENT

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- School Bus Operators with up to five vehicles in its fleet shall establish a Safety Unit and appoint a qualified Safety Manager to head the Unit,
- The Drivers, Driver Assistants and Parents shall be educated on safety measures to be observed while pupils board and alight from a school bus.

# SCHOOL BUS INSURANCE POLICY

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The School Bus Operator is to acquire a comprehensive Insurance cover for both the bus(es) and the occupants of the vehicles from Insurance Company registered by National Insurance Commission

# FUNDING OF SCHOOL BUS SCHEME

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Public Private Partnership model should be explored in funding School Bus operation.

Individual investors interested in School Bus operation may acquire appropriate bus type and enter into contract agreement with School Proprietors for this purpose.

Such operators must however comply with the provisions of this guideline.

# PART 2

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## SPECIFICATION FOR SCHOOL BUS

# SCOPE

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This Nigeria Industrial standard specifies requirements for any bus intended for use as school bus in Nigeria.

# REQUIREMENTS FOR SCHOOL BUS (4)

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**4.1 AIR CLEANER**

**4.2 BRAKES**

**4.3 FRONT BUMPER**

**4.4 CERTIFICATION**

**4.5 CLUTCH**

**4.6 COLOUR**

**4.7 DRIVE SHAFT**

**4.8 ELECTRICAL SYSTEM**

**4.9 ENGINE FIRE EXTINGUISHER**

**4.10 EXHAUST SYSTEM**

**4.11 FRONT FENDERS, 'TYPE C' VEHICLES**

**4.12 FRAME**

**4.13 FUEL TANK**

**4.14 GOVERNOR**

**4.15 HORN**

**4.18 OPENINGS**

**4.19 PASSENGER LOAD**

**4.22 SHOCK ABSORBERS**

**4.26 TYRES AND RIMS**

# **BUS BODY**

## **(5)**

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- 5.1 AISLE**
- 5.2 BACK-UP WARNING ALARM**
- 5.3 BATTERY**
- 5.4 FRONT BUMPER – ENERGY-ABSORBING**
- 5.5 REAR BUMPER**
- 5.11 CROSSING CONTROL ARM (OPTIONAL)**
- 5.12 DOOR**
- 5.13 EMERGENCY EXITS**
- 5.14 EMERGENCY EQUIPMENT**
  - 5.14.2 First-Aid Kit**
  - 5.14.4 Warning Devices**

# BUS BODY

## (5) *cont...*

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- 5.17 HANDRAILS
- 5.18 AIR CONDITIONING SYSTEMS
- 5.22 INSIDE HEIGHT
- 5.23 INSULATION
- 5.25 LAMPS AND SIGNALS
- 5.27 MIRRORS
- 5.34 DRIVER SEAT BELT
- 5.35 SEAT AND CRASH BARRIERS
- 5.36 PRE-SCHOOL AGE SEATING
- 5.38 STEPS
- 5.41 STOP SIGNAL ARM