

No.5-193/2024/13/IFB(HQ)/192

निरीक्षक अग्निशमन का कार्यालय

**OFFICE OF THE INSPECTOR FIRE BRIGADE**  
**अग्निशमन तथा आपातकालीन सेवा मुख्यालय**  
**FIRE AND EMERGENCY SERVICE HEAD QUARTER**

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पोर्टब्लेयर/Port Blair, दिनांक/dated 24<sup>th</sup> June, 2024

To,

The Principal  
Govt. Senior Secondary School,  
Manglutan.

**Sub:** - Fire Safety audit of Govt. Senior Secondary School, Manglutan - reg.

Sir,

With reference to your letter No.F.No.1-32/GSSS/MT/SA/2022-23/1076 dated 30/04/2024, the school building has been inspected by I/c FS Garacharma from fire and life safety point of view and reported that no fire safety equipments are available in the school. The following fire and life safety measures are recommended for compliance:

**BLOCK - A** :- G+1 floor RCC building

**Ground Floor:** Principal Room, Staff Room, Geography Lab, Exam Cell, Class XII (A), Class XII (B), Class XII (C) & Toilet Room. (Total 07 Nos. Room except Toilet).

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 No.	Near Electric Panel at Staircase
02	Water Co2(9ltr.)	01 No.	Near Class XII (C)
03	ABC Powder (06 Kg)	01No.	Near Staff Room .
04	Fire Bucket(Std. Size) with Stand	04 Nos.	In front of parking Sheet near Principal Room.
05	Hose reel		To be provided as per norms
06	Manual Call point		-do-

**First Floor :-** Class X (A), Class X (B), Craft Room, Class X (C), Class X (D), Class IX (A), Class IX (B) & Toilet

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 Nos.	,Near X (B)
02	Water Co2(9ltr.)	01 No.	Near X (C)
03	ABC Powder (06 Kg)	0 Nos.	IX (B)
04	Hose reel		To be provided as per norms
05	Manual Call point		-do-
06	Staircase		One additional staircase of 1.5 mtrs to be provided

**BLOCK - B** :- G+1 floors RCC building.

**Ground Floor:** Class XI (A), Class XI (B), CRC Room, Class XI (C).

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 Nos.	Near Staircase
02	Water Co2(9ltr.)	01 No.	Near Class XI (A)
03	ABC Powder (06 Kg)	01 No.	Near Class XI (C) .
04	Fire Bucket(Std. Size) with Stand	04 Nos.	In front of parking Sheet near Principal Room.
05	Hose reel		To be provided as per norms
06	Manual Call point		-do-

**First Floor:** Class IX (C), Class XII (D), ICT Lab & ITT Lab

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 No.	In between ICT & ITT Lab
02	ABC Powder (06 Kg)	01 No.	In between Class XI (C) & XII(D).
03	Hose reel	To be provided as per norms	
04	Manual Call point	-do-	
05	Staircase	One additional staircase of 1.5 mtrs to be provided	

**BLOCK - C :-** Single storied Prefabrication with Tin sheet roofing.

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 No.	Between Music room and staff room
02	Manual Call point	01 No. to be provided	

**BLOCK - D & E :-** The Building is in L-shape & both Blocks D & E are connected to each other(G+1 floor RCC building).

**Ground Floor Block D :** Science Lab, ICT Lab, Book store Room

**Ground Floor Block E :** Sports Room & Toilet

Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 No.	Near ICT Lab
02	Water Type(9ltr.)	01 No.	Near Book Store)
03	ABC Powder (06 Kg)	01 No.	Science Lab
04	Fire Bucket(Std. Size) with Stand	04 Nos.	Out Side of Sports Room.
05	Hose reel	To be provided as per norms	
06	Manual Call point	-do-	

**First Floor Block D :** Hall Room & Kishori Room

**First Floor Block E:** Library & Toilet

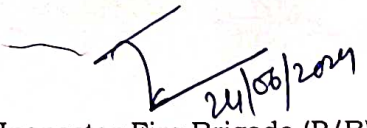
Sl. No.	Type of fire & life safety equipment	Recommended	Location
01	CO2 (4.5 Kg)	01 No.	Near Hall room
02	Water Type(9ltr.)	01 No.	Near Library
03	ABC Powder (06 Kg)	01 No.	Kishori room
04	Hose reel	To be provided as per norms	
05	Manual Call point	-do-	
06	Staircase	One additional staircase of 1.5 mtrs to be provided	

Further, the following "Fire & Life safety measures" also has to be complied.

- All Fire Extinguishers & Fire Buckets should be as per IS 15683:2006 and IS 2546:1974 respectively. All new Fire extinguishers that will be purchased should bear permanent marking of year of manufacture.
- Hydraulic Pressure Test (HPT) should be done in every 03 years upto the life span of 10 yrs. from date of manufacture for Water, Foam & Powder type of extinguishers and 05 years for CO<sub>2</sub> Extinguisher upto the life span of 15 yrs. from date of manufacture.
- Hose Reel system is to be provided in each floor. Hose reel piping should be of G.I pipe (Galvanized Iron). Separate terrace tank of 10,000 ltrs. should be

- provided for the hose reels with a pump operated automatically on reduction of pressure from 3.5 kg/cm<sup>2</sup>.
4. Power back-up/DG set to be provided for functioning of Hose reel pump and alarm during failure of power supply.
  5. The occupant load of each class room should not be more than 4 sqm floor area per student.
  6. Floor-wise Fire evacuation plan to be displayed at all floors separately and should be easily understandable. The plan should also show the locations of the firefighting equipments and classrooms.
  7. All fire fighting equipments and Fire evacuation plan shall be installed at a height not more than 1.5 mtrs from ground level.
  8. The Electric panel board installed under staircase to be shifted to a separate place.
  9. Good Housekeeping to be observed at all time.
  10. There should be no loose wiring to avoid any fire due to short circuit.
  11. No cooking should be done in the school building.
  12. All Firefighting/safety equipment and extinguishers should be installed at a height not more than 1.5 meter from ground level.
  13. All Firefighting equipments should be safeguarded from direct sunlight and rain.
  14. A register shall be maintained for all firefighting equipments installed in the premises. The register shall be invariably inspected by the fire department. Format of register enclosed
  15. Register to be maintained regarding conduct of evacuation/safety drills at least twice in a year i.e. in the starting session and midsession in which the staff of nearby Fire Station and other stakeholders may be the "Observer" of the drill.
  16. All staffs are required to be trained in operation and maintenance of firefighting equipments from FSHQ. The list of trained staff may be provided.

It is requested that the above mentioned fire and life safety measures may be fulfilled at the earliest and to submit application through Online Portal "<http://andssw1.and.nic.in/ospfire>". for inspection and consideration of Fire Clearance Certificate.

  
Inspector Fire Brigade (P/B)  
Fire Service Head Quarter.

Copy to:

1. SP(Fire).
2. Dy.SP(Fire).
3. I/c FS Garacharma