

No.5-193/2024/16/IFB(HQ)/194

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  
PM SHRI Govt. Sr. Secondary School  
Bambooflat, South Andaman

**Sub:** - Fire Safety audit of PM SHRI Govt. Sec. School, Bambooflat – reg.

Sir,

With reference to your letter No. 3-83/GSSS/BF/2024/54 dated 02/05/2024, it is to inform you that Fire Safety Audit of PM SHRI Govt. Sr. Secondary School, Bambooflat, has been conducted by I/c Fire Station Bambooflat and the following short comings have been noticed.

**BLOCK-I** :- Double storied RCC building

**Ground Floor** :- Total 4 rooms(01 HM room, 01 Staff room & 02 Class rooms)

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 ( 4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (6 kg) store pressure type	01 No.	Need HPT and refilling
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor** :- Total 05 rooms ( 1 principal office, 1 Library, 1 Exam cell room, 1 office room & 1 store room)

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 ( 4.5 kg) (mfg-2019)	Nil	01 No.
02.	DCP (6 kg) store pressure type	01 No.	Need HPT and refilling
03.	Fire Buckets with stand	04 Nos	--
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-II** :- Double storied RCC building

**Ground Floor** :- 02 Nos.rooms. (01 changing room for girls & 01 staff room)

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	ABC Powder(6 kgs)	Nil	01 No.
03.	Fire Bucket with stand	Nil	03 Nos.
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor** :- Total 03 Nos. rooms( 01 staff room, 01 PT room & CRC/ORT room)

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	01 No.	-do-

03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-III** :- Double storied RCC building

**Ground Floor** :- Total 03 rooms, (03 class room )

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	01 No.	Need HPT and refilling
03.	Fire bucket with stand	Nil	04 Nos
04.	Hose reel	Nil	To be provided as per norms
05	Manual Call point	Nil	-do-

**First Floor** :- Total 03 rooms, (03 class room )

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	Nil	01 No.
02.	DCP (06 kg)	01 No.	Need HPT and refilling
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-IV** :- Double storied RCC building

**Ground Floor** :- Total 02 rooms, (01 class room & 01 Home science lab)

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	Nil	01 No.
02.	DCP (06 kg)	01 No.	Need HPT and refilling
03.	Fire Bucket with stand	01 No.	02 Nos.
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor** :- Total 02 rooms, (01 science lab & 01 Beauty lab )

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (02 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	Nil	01 No.
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-V** :- Double storied RCC building)

**Ground Floor** :- Total 04 rooms, (04 class room )

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	02 Nos.	Need HPT and refilling
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor** :- Total 04 rooms, (04 class room )

Sl. No.	Name of equipment	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (02 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	02 Nos.	Need HPT and refilling
03.	Fire bucket with stand	03 Nos.	--

03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-VI :- Double storied RCC building**

**Ground Floor :- Total 02 rooms, (02 class room )**

Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	Fire bucket with stand	01 No.	02 Nos.
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor :- Total 04 rooms, (04 class room )**

Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
01.	DCP (06 kg)	01 No.	Need HPT and refilling
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-VII :- Double storied RCC building**

**Ground Floor :- Total 02 rooms (02 Class rooms)**

Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	Nil	01 No.
02.	Fire bucket with stand	01 No.(U/S)	04 Nos.
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor :- Total 02 rooms, (01 class room & 01 craft room )**

Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
01.	W Co2 (09 liters)	01 No.	Need HPT and refilling
02.	DCP (06 kg) (old model)	01 No.	Needs to be replaced
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**BLOCK-VIII :- Double storied RCC L-Shape building**

**Ground Floor :- Total 09 rooms, (04 class room, 02 staff room, 01 smart class, 01 resource room & 01 open school class room)**

Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
01.	Co2 (4.5 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	03 Nos.( 01 old model)	02 No needs HPT & refilling & 01 No to be replaced
03.	Fire Buckets with stand	07 Nos (3 Nos U/S)	03 Nos to be replaced
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

**First Floor :- Total 07 rooms, (04 class room, 01 library, 01 Geography lab & 01 No Hall )**


Sl. No.	Name of Extinguisher	Existing	Status of existing eqpt. & further Recommendation
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01.	Co2 (02 kg) (mfg-2019)	01 No.	Need HPT and refilling
02.	DCP (06 kg)	02 Nos.	Need HPT and refilling
03.	Hose reel	Nil	To be provided as per norms
04.	Manual Call point	Nil	-do-

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

1. 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.
2. 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.
3. 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 of 450 LPM discharge 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 should be at a safe place.
9. Good Housekeeping to be observed at all time.
10. There should be no loose wiring/overloading 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.

 24/6/2021

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

Copy to:

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