

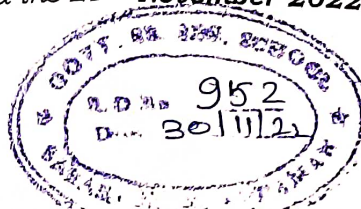
निरीक्षक अग्निशमन का कार्यालय  
OFFICE OF THE INSPECTOR FIRE BRIGADE

रंगत  
RANGAT

Rangat, Dated the 29<sup>th</sup> November 2022

To,

The Principal  
Govt. Sr. Sec. School  
Sabari Junction, Rangat  
Middle Andaman



**Sub:-** Inspection of fire fighting arrangements/fire audit of GSSS Sabari Junction, GPS Sabari Junction & GPS Sabari (Old) -reg.

**Ref:-** Your No. 1-63/PR/GSSS/SJ\*2022/372 dated 11/11/2022.

Sir,

With reference to subject cited above, Fire Audit of Govt. Senior Secondary School Sabari Junction, Govt. Primary School Sabari Junction & Govt. Primary School Sabari (Old) was conducted by In-Charge Fire Station Rangat from fire & life safety point of view along with the representative. The status of the available fire equipment and recommendations of additional requirements are as furnished:-

SL. No.	Name of Extinguisher & Capacity	Qty. Exist	Status/Remarks	Additional Recommendation
I.	<b>GOVT. SENIOR SECONDARY SCHOOL SABARI JUNCTION (DOUBLE STOREY RCC STRUCTURE)</b>			
	<b>GROUND FLOOR (BLOCK I, II &amp; III):</b> - IT LAB, PHYSICS LAB, BIOLOGY LAB, CHEMISTRY LAB, SMART CLASS/CONFERENCE HALL (100PAX.), SCIENCE CENTRE ROOM, OFFICE ROOM, PRINCIPAL ROOM, ICT ROOM, CRC/SMSA ROOM & ADMISSION WITHDRAWAL ROOM & CANTEEN			
	DCP Extinguisher (02 kg)	04 Nos.	Found OK	--
	Co2 Extinguisher (4.5 kg)	03 Nos.	Found OK	--
	Water Co2 Extinguisher (09ltrs.)	01 No.	Found OK	--
	Foam Extinguisher (09ltrs)	01 No.	Found OK	--
	ABC Extinguisher (02kg)	--	--	05 Nos. (01 No. each for inside all Lab & canteen)
	Fire Bucket	03 Nos.	Not as per IS	03 Nos. filled with sand
	<b>FIRST FLOOR (BLOCK I, II &amp; III):</b> - STAFF ROOM, BEAUTY & WELLNESS ROOM, LIBRARY, ART & CRAFT ROOM, EXAM CELL, P.T ROOM & 11 CLASS ROOMS			
	Water Co2 Extinguisher (09ltrs.)	04 Nos.	Found OK	--
	Co2 Extinguisher (4.5 kg)	01 No.	Found OK	--
	DCP Extinguisher (02 kg)	02 Nos.	Found OK	--
	Foam Extinguisher (09ltrs)	01 No.	Found OK	--
	ABC Extinguisher (02kg)	--	--	01 No. for inside library
Fire Bucket	--	--	03 Nos. filled with sand	
II.	<b>GOVT. PRIMARY SCHOOL SABARI JUNCTION (DOUBLE STOREY RCC STRUCTURE)-03 BLOCKS</b>			
	<b>BLOCK-I GROUND FLOOR (03 CLASS ROOMS)</b>			
	Water Co2 Extinguisher (09ltrs.)	03 Nos.	Found OK	--

	Fire Bucket	05 Nos.	Not as per IS	03 Nos. filled with sand
	<b>FIRST FLOOR (STAFF ROOM &amp; 02 CLASS ROOMS)</b>			
	Co2 Extinguisher (4.5 kg)	01 No.	Found OK	
	DCP Extinguisher (02 kg)	01 No.	Found OK	
	ABC Extinguisher (06 Kg)	--	--	01 No.
	<b>BLOCK-II</b>			
	<b>GROUND FLOOR (02 CLASS ROOMS &amp; 02 STORE ROOMS)</b>			
	Co2 Extinguisher (4.5 kg)	--	--	01 No.
	ABC Extinguisher (06 kg)	--	--	01 No.
	Fire Bucket	--	--	03 Nos. filled with sand
	<b>FIRST FLOOR (CONFERENCE HALL (150 PAX.))</b>			
	Co2 Extinguisher (4.5 kg)	--	--	01 No.
	ABC Extinguisher (06 kg)	--	--	01 No.
	Water Co2 Extinguisher (09ltrs.)	--	--	01 No.
	<b>MID DAY MEAL (RCC SINGLE STOREY)- BLOCK III</b>			
	Water Co2 Extinguisher (09ltrs.)	--	--	01 No.
	ABC Extinguisher (06 kg)	--	--	01 No.
<b>III.</b>	<b>GOVT. PRIMARY SCHOOL SABARI (OLD)</b> <b>(SINGLE STOREY RCC STRUCTURE)-03 BLOCKS</b> (04 class rooms, principal room & staff room)			
	Co2 Extinguisher (4.5 kg)	01 No.	Found Ok	--
	DCP Extinguisher (02 kg)	01 No.	Found Ok	--
	Water Co2 Extinguisher (09ltrs.)	01 No.	Found Ok	--
	ABC Extinguisher (06 kg)	--	--	01 No. for inside Midday Meal Block
	Fire Bucket	--	--	03 Nos. filled with sand
	<b>NOTE:- (1)</b> All Fire Extinguishers to be procured shall be of ISI marks as per IS 15683:2018 Specification with "Equipments Certificate for Test and Warranty" is compulsory. And all old model/un-serviceable extinguishers shall be removed. <b>(2)</b> Fire Buckets should be with ISI mark as per IS 2546:1974. Rain protection stand should be provided for sand buckets. <b>(3)</b> Some existing Fire Extinguishers installed in above mentioned GPS are found empty same to refilled. <b>(4)</b> Rooms/class rooms in GPS are found in damaged / pathetic conditions, hence school authority has been advised either to renovate them as earliest possible or the rooms shall not be used. <b>(5)</b> The school authority has been advised not to cook with wood inside school premises as cooking with woods are strictly prohibited. <b>(6)</b> Co2 Gas Cartridge (60gms)- 02 Nos.; Co2 Gas Cartridge (120gms)-01 No.; Dry Chemical Powder- 06kg; AFFF Solution (500ml)- 01 No. are recommended for each school for demonstration/training purpose.			

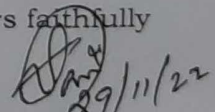
*Apart from above the following fire-life safety measures are immediately suggested in accordance with NBC part-IV:-*

1. Every class room with a capacity of over 40 students shall have at least two doorways.
2. Evacuation/Emergency Plan to be displayed in prominent places (each floor of building) including entrance gate.
3. The partition of the class rooms with plywood is strictly prohibited.
4. Storage of volatile flammable liquid shall be prohibited.
5. No provision whatsoever for locking against egress from the class room.
6. Good Housekeeping to be observed at all time.
7. Self glowing/fluorescent Exit sign including evacuation plan should be provided showing the Escape/Evacuation Route and Assembly Point for entire building.

8. Illuminated Sign boards on Escape Route, Exits shall be affixed and to be clearly visible with alternate source of power supply or battery backup.
9. Telephone Numbers of emergency services to be displayed at prominent places.
10. No loose electrical wiring to be present.
11. First Aid Box is made available to handle possible emergencies.
12. The Extinguisher shall be mounted on the wall in such way that the handle is at a height of not more than 1.5mtr. Fire Extinguisher shall be easily accessible/visible.
13. **Fire Instruction Card** inviting details information about firefighting equipments, person trained, and location of water source should be provided and strictly maintained.
14. Precautionary instruction on the "action taken in the event of fire should be displayed at all prominent places.
15. Manually Operated Electric Fire Alarm System required to be installed in each floor/each block of the building with separate power backup/alternate sources.
16. Those buildings where one staircase of width less than 1.5 mtr. exist there is necessity of 01 additional staircase of width not less than 1.5 mtr. as Emergency Exit is mandatory.
17. Electrical panel/generator room/staircases should be strictly maintained neat and clean and must not be used for storage of any other combustible materials/products including electrical panels.
18. Refilling and maintenance of fire equipments should be ensured once in a year or as and when required.
19. 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 may be the "Observer" of the drill.
20. A Register shall be maintained for all firefighting equipments installed in the premises with details of - type & no. of extinguisher/fire bucket/Fire Alarm etc. installation place, manufacturing date and consequent monthly inspections by the designated staff. The register shall be invariably inspected by the fire staff.
21. All teaching/non-teaching staff including security, contract workman who are likely to be present in the schools may also advised to undergo training in handling of fire extinguishers and first aid firefighting training being held at Fire Station Rangat. Training is compulsory to all.

The above recommendations in Fire Protection arrangements/Fire Safety measures are required to be fulfilled in full at the earliest to combat disaster/emergent situation. One responsible staff may also be nominated for each school for care & maintenance and record keeping of all the fire equipments/systems. Technical advice if any shall be extended by this office on receipt of communication.

Yours faithfully



**(DILIP KARMAKAR)**

Inspector Fire Brigade (Rangat)  
Middle Andaman

Copy for kind information to:-

1. The Dy.SP (Fire).
2. The Deputy Education Officer Rangat for kind information and necessary action please.
3. The In-Charge FS Rangat.