

No.30/Bldg.FSR/DFO/KADRI/MNG/2024

Dated: 04-01-2025

To

The Principal,
Cambridge School
Neermarga Road, Paldane,
Kudupu Post,
Mangaluru- 575028.

Sir,

Sub: Issue of Revised '*Fire safety recommendation*' to Cambridge School at Sy.No.37-1C, 37-2D, 36-1D1B, Kudupu Village, Mangalore Taluk, Dakshina Kannada District.

Ref: 1) Head office order No. GBC(2) 044/2020-21 dated: 21-06-2022.
2) Your letter dated 19-11-2024.

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With reference to the subject above cited the premises of Cambridge School at Sy.No.37-1C, 37-2D, 36-1D1B, Kudupu Village, Mangalore Taluk, Dakshina Kannada District was inspected by District Fire Officer, Kadri Fire Station, Mangaluru on 13-12-2024 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

A. Details of the building / premises :-

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|-----|--|--|
| 01. | Name and Address of the Applicant. | : The Principal,
Cambridge School
Neermarga Road, Paldane,
Kudupu Post,
Mangaluru- 575028. |
| 02. | Name and Address of the premises. | : Cambridge School,
Sy.No.37-1C, 37-2D, 36-1D1B,
Kudupu Village,
Mangalore Taluk,
Dakshina Kannada District. |
| 03. | Name and address of the Building owner | : The Principal,
Cambridge School
Neermarga Road, Paldane,
Kudupu Post,
Mangaluru- 575028. |
| 04. | Number of buildings | : One |
| 05. | Number of floors | : Ground floor & one upper floor. |

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06. **Floor-wise details of occupancy:-**

- Ground floor : 30 class rooms, 02 Dining hall, Chairman room, Principal chamber, Staff room, Rest room, Store room & other utilities.
1st floor : 21 class rooms, office room, Vice principal room, staff room, rest room, Auditorium, 02 dining hall store room & other utilities.

07. Height of the building : 08.00 mtrs.

08. Site area : 14,228.72 Sq.mtrs.

09. Built-up area of each floor:-

Ground floor : 3,411.42 Sq.mtrs

1st floor : 3,631.67 Sq.mtrs.

10. Total built-up area : 7,043.09 Sq.mtrs

11. Surrounding properties:-

- East (Front) : Residential houses
West (Rear) : Partly residential house & partly vacant land
North (Side) : 13.75 mtrs wide Neermarga road.
South (Side) : Vacant land

12. **Open space available around the building :-**

- East (Front) : 15.00 mtrs.
West (Rear) : 03.00 mtrs.
North (Side) : 06.00 mtrs.
South (Side) : 06.00 mtrs.

Allowed setbacks (open space) should be maintained free from further obstruction/ construction.

B. On inspection of this School/College premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-

Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the Premises	The premises abutting 13.75 mtrs. Wide Neermarga road, located on northern side. The road is hardened to carry the weight of 45,000 kgs.	No remarks.

(01)	(02)	(03)	(04)
02.	Number of entrances	Provided one of 05.00 mtrs. wide from 13.75 mtrs. Wide Neermarga road, located on northern side.	The width of the entrance should be widened to minimum 06.00 mtrs.
03.	Number of staircase	No. of staircases : Two Width of staircases : 02.00 mtrs. Width of treads : 0.30 mtr. Height of risers : 0.15 mtr. No. of risers per flight : 16 Nos. Height of handrails : 03.00 mtr.	Complied
04.	Portable extinguishers	Provided 03 Nos. Water CO2 extinguishers of 9liters capacity, 01 No. ABC powder extinguishers of 05 kgs capacity, 01 No. DCP extinguishers of 05 kgs capacity & 03 Nos. CO2 extinguishers of 02 kgs capacity have been provided.	The following portable fire extinguishers shall be provided. A. One water mist extinguisher of 9 ltrs capacity should kept near staircase landing. B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator. C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room. D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.

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(01)	(02)	(03)	(04)
05.	Hose reel hose system	Provided 02 hose reel hose system of 19 mm size and of adequate length to reach the farthest point of the building & provided with a shut off branch.	Not compiled. Apart from this additional 02 Hose reel hose shall be provided. Each hose reel hose of min 19 mm size and of 30 mtrs. length to reach the farthest point of each floor and shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.
06.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Provided 02 Terrace booster pump, each of capable of delivering 450 liters of water per minute.	Additional hose reel hose systems should be connected to a booster pumps, each of 450 LPM or of 5 HP capacity. (Total 2 pumps). Further the system should be connected to an alternative source of power supply.
07	Diesel generator	63 KVA capacity available in the premises.	It has been connected to the staircase lighting, corridor lighting and fire fighting system.
08.	Terrace tank	Overhead tank of 10,000 litres capacity and underground tank of 20,000 litres capacity.	Due to leakage of overhead tanks, the pumps should be connected to underground tank of 20,000 ltrs. Capacity. (The water tank should be kept exclusively fire fight purpose).
09	Escape routes		Marked
10.	Fire order (Fire safety plans)		Displayed
			Complied
			Complied.

(01)	(02)	(03)	(04)
11.	No smoking board	Displayed	COTPA Sec-4 direction No Smoking area smoking here is an offence board should be written in English & Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.
12	Fire Siren	Provided Fire Alarm system with Manual call point at each staircase landing at each floor.	A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
13	Nominate one Fire Nodal Officer	--	A fire nodal officer shall be nominated either from teaching or non teaching staff.
14.	Fire fighting training	Not imparted	At least 40% of Teaching and non Teaching staff should be got trained in basic fire fighting at R.A Mundkur Fire and Emergency Services Academy, Bannerugatta road Bangalore or at the Office of the Chief Fire Officer, Pandeshwara Fire Station Premises, Mangaluru.
15.	<u>Fire precautionary measures :-</u>		
	A. Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.		
	B. Accumulation of combustible waste in and around the premises should be avoided.		
	C. The exit ways shall be always kept clear without any obstruction.		
	D. Liquefied petroleum gas should not be stored in the building.		
	E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.		
	F. During the class hours the class room doors shall not be locked from inside to out		

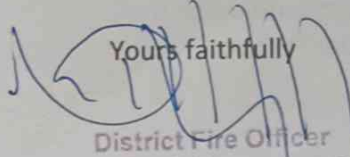
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side.

- G. As per Hon'ble supreme court order all teachers and staffs shall be trained to handle safety equipment, initiate emergency evacuation and protect their students in the event of fire and other emergency and the school shall observe the Fire Safety Day on April 14th of every year by conducting Fire Safety drills with co-ordinate with fire service department.

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to Cambridge School at Sy.No.37-1C, 37-2D, 36-1D1B, Kudupu Village, Mangalore Taluk, Dakshina Kannada District subject to condition and compliance of the above recommendations in column -4 of serial - B within 3 months and compliance to the undersigned. The applicant has remitted Rs.22,000-00 (Rupees Twenty Two thousand only) vide challan No. CR0125007000048764 dated 04-01-2025 the FSR fees.

Note:- This Fire Safety Recommendation is valid for only one year from the date of issue and it is Renewable.

Yours faithfully

District Fire Officer
Karnataka Fire & Emergency Services
Kadri Fire Station, Mangaluru
04/01/25.

Copy to:-

- 1) Copy submitted to the Deputy Director (Fire Prevention), Karnataka Fire & Emergency Services, Bengaluru for your kind information.