

No.03/Bldg.FSR/DFO/KADRI/MNG/2025

Dated: 28-02-2025

To

The Principal,
Presidency School,
Kelarai, Post Bondanthila,
Kuntadka,
Mangalore- 575029.

Sir,

Sub: Issue of Revised 'Fire safety recommendation' to Presidency School at Sy.No.16(P1), 16(P2) & 17(P1), Kelarai, Post Bondanthila, Kuntadka, Mangalore Taluk, Dakshina Kannada District- 575029.

Ref: 1) Head office order No. GBC(2) 044/2020-21 dated: 21-06-2022.
2) Your letter dated 24-01-2025.

><><*>*><><

With reference to the subject above cited the premises of Presidency School at Sy.No.16(P1), 16(P2) & 17(P1), Kelarai, Post Bondanthila, Kuntadka, Mangalore Taluk, Dakshina Kannada District- 575029 was inspected by District Fire Officer, Kadri Fire Station, Mangaluru on 29-01-2025 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 :-

- | | | |
|-----|--|--|
| 01. | Name and Address of the Applicant. | : The Principal,
Presidency School,
Kelarai, Post Bondanthila,
Kuntadka,
Mangalore- 575029. |
| 02. | Name and Address of the premises. | : Presidency School,
Sy.No.16(P1), 16(P2) & 17(P1),
Kelarai, Post Bondanthila,
Kuntadka, Mangalore Taluk,
Dakshina Kannada District- 575029. |
| 03. | Name and address of the Building owner | : Sri Nissar Ahmed,
Chairman,
A. H. Memorial Educational Trust,
Richmond Town,
Bangalore. |
| 04. | Number of buildings | : One |
| 05. | Number of floors | : Basement, Ground floor & 02 Upper floors. |



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

Basement (Open type)	: 4 class rooms.
Ground floor.	: 15 class rooms and staff/office room.
1 st floor	: 13 class rooms, Auditorium and staff/office room
2 nd floor	: 15 class rooms and staff/office room.

07. Height of the building : 10.50 mtrs.

08. Site area : 40,884.35 Sq.mtrs. (1.35 Acres)

09. Built-up area of each floor:-

Basement(Open type)	: 495.41 Sq.mtrs.
Ground floor	: 1,830.00 Sq.mtrs.
1 st floor	: 1,830.00 Sq.mtrs.
2 nd floor	: 1,830.00 Sq.mtrs.

10. Total built-up area : 5,985.41 Sq.mtrs.

11. Surrounding properties:-

East (Front)	: Partly 09.00 mtrs wide internal road & partly campus play ground.
West (Rear)	: Vacant land.
North (Side)	: Partly Campus vacant land and partly Applicants Administrative building (G+1).
South (Side)	: Campus low rise hostel building

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

East (Front)	: More than 10.00 mtrs.
West (Rear)	: 10.00 mtrs.
North (Side)	: 06.00 mtrs.
South (Side)	: 13.00 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 abuts 09.00 mtrs. wide internal road, which is connected to 09.00 mtrs. wide Main road, located on eastern side. Both the roads are hardened to carry the weight of 45,000 kgs.	No remarks.
02.	Number of entrances	Provided 02 entrances, each of 06.00 mtrs. wide from western side.	Complied.
03.	Number of staircase	No. of staircases : 03 Width of staircases : 01.50 mtr, 01.30 mtr & 01.15 mtr. Width of treads : 0.30 mtr. Height of risers : 0.15 mtr. No. of risers per flight : 08, 12 & 16 no. per flight. Height of handrails : 01.00 mtr.	Complied.
04.	Portable extinguishers	03 Nos. ABC Powder extinguishers of 06 kgs capacity, 19 Nos. ABC Powder extinguishers of 04 kgs capacity, 05 Nos. ABC Powder extinguishers of 2 kgs capacity 03 Nos. CO2 extinguishers of 4.5 kgs capacity and 01 No. CO2 extinguisher of 2 kgs capacity have been provided.	Apart from that 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.



(01)	(02)	(03)	(04)
			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.
05.	Hose reel hose system	Not provided	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 .	Not provided	Each hose reel hose system should be connected to an booster pump of 450 LPM or of 5 HP capacity. (2 pumps) Further the system should be connected to an alternative source of power supply.
07	Diesel generator	50 KVA capacity available in the premises.	Diesel generator should be connected to the staircase lighting, corridor lighting and fire fighting system.
08.	Terrace tank	Provided overhead 02 syntax tanks, each of 5,000 litres capacity and underground tank of 75,000 ltrs. Capacity.	Each hose reel hose system should be connected to an overhead tanks, each of 5,000 litres capacity. (2 tanks).



(01)	(02)	(03)	(04)
			Note: If the existing building is not capable of sustaining the weight of 5,000 litres tank capacity provision shall be made to provide water tank on the side of the building with support from ground level by providing RCC column structure or MS column structure. If there is no option to provide even the above mentioned overhead tank, provision shall be made to provide underground water tank of capacity with submersible pump of 5-7 HP capacity. (The water tank should be kept exclusively fire fight purpose).
09	Escape routes	Not marked	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.
10.	Fire order (Fire safety plans)	Not displayed	A notice board indicating the action to be taken by the employees in case of any emergency should be displayed along with the telephone number of nearest fire station Mangaluru Fire Stations (Pandeshwara & Kadri) i.e. 101, 112, 2211085/2213192/2423333 and the telephone number of nearest ambulance service & Police station.



(01)	(02)	(03)	(04)
11.	No smoking board	Not 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	Not installed.	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. **Fire precautionary measures :-**

- Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.
- Accumulation of combustible waste in and around the premises should be avoided.
- The exit ways shall be always kept clear without any obstruction.
- 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 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 Revised '**Fire Safety Recommendation**' to Presidency School at Sy.No.16(P1), 16(P2) & 17(P1), Kelarai, Post Bondanthila, Kuntadka, Mangalore Taluk, Dakshina Kannada District-575029 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.5,500-00 (Rupees Five thousand Five Hundred only) vide challan No. CR0225007000868811 dated 28-02-2025 at ICICI Net banking 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

Copy to:-

- 1) The Director, C.B.S.E., Shiksha Kendra 2, Community Centre, Preet Vihar, Delhi-110092.
- 2) Copy submitted to the Deputy Director (Fire Prevention), Karnataka Fire & Emergency Services, Bengaluru for your kind information.