

No.32/FSR/CFO/MD/2017

Dated: 04-11-2021

To,

The Principal,
The Yenepoya School,
N.H.66, Jappinamogaru,
Mangaluru – 575 009.

Sir,

Sub : Regarding renewal of 'Fire safety recommendation' to Yenepoya School building constructed at Sy. No. 29/2A, 28/1, 30/5B, 30/6, Jappinamogaru Village, Mangaluru Taluk, Dakshina Kannada District.

Ref : 1) Fire Recommendation No.32/FSR/CFO/MD/2017 dated 17-02-2018.

2) Compliance Certificate No. 32/FSR/CFO/MD/2017 dated: 17-09-2019.

3) Your letter dated 14-09-2021.

4) Report No.23/Renewal FSR/DFO/MNG/DK/2019 dated 18-10-2021 of the District Fire Officer, Mangaluru.

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With reference to subject cited above, Fire Safety Recommendation was issued vide ref. (1) to Yenepoya School building constructed at Sy. No. 29/2A, 28/1, 30/5B, 30/6, Jappinamogaru Village, Mangaluru Taluk, Dakshina Kannada District with a condition to fulfill the recommendations and compliance the same. Compliance certificate was issued vide ref. (2).

Now as requested by you in letter cited above at ref. (3), the building was re-inspected by the District Fire Officer, Mangaluru on 25-09-2021 and has submitted his report on 18-10-2021 vide ref. (4). The details as under;

A. Details of the building / premises :-

- | | | | |
|----|--|---|---|
| 01 | Name and Address of the Applicant. | : | The Principal,
The Yenepoya School,
N.H.66, Jappinamogaru,
Mangaluru – 575 009. |
| 02 | Name and Address of the premises. | : | The Yenepoya School,
Sy. No. 29/2A, 28/1, 30/5B, 30/6,
Jappinamogaru Village,
Mangaluru Taluk,
Dakshina Kannada District. |
| 03 | Name and address of the Building owner | : | YMK Memorial Educational & Charitable Trust,
C/o The Yenepoya School,
N.H.66, Jappinamogaru,
Mangaluru – 575 009. |



- 04 Number of buildings : One
- 05 Number of floors : Ground floor & 2 upper floors.
- 06 **Floor-wise details of occupancy:-**
- Ground floor : Principal room, office, cafeteria, auditorium, 2 rooms, library, swimming pool, 2 change rooms, 2 staff rooms, 2 laboratories, 2 activity rooms & 9 class rooms
- 1st floor : 3 laboratories, library, Directors room, 2 activity rooms, 2 staff rooms & 9 class rooms
- 2nd floor : 4 laboratories, library, Chairman room, 2 activity rooms, 2 staff rooms, seminar hall & 9 class rooms
- 07 Height of the building : 12.40 mtrs.
- 08 Site area : 18,692.52 Sq.mtrs.
09. **Built-up area of each floor:-**
- Ground Floor 3,015.58 Sq.mtrs.
- 1st Floor: 2,354.59 Sq.mtrs.
- 2nd floor: 2,056.80 Sq.mtrs.
- Total built-up area : 7,426.97 Sq mtrs.**
- Surrounding properties:-**
- West (Front) : 30.00 mtrs. wide N.H.66
- East (Rear) : Vacant land
- North (Side) : Vacant land
- South (Side) : Vacant land.

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

- West (Front) : 50.00 mtrs.
- East (Rear) : 04.75 mtrs.
- North (Side) : 05.30 mtrs.
- South (Side) : 04.80 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. (01)	Details (02)	Existing (03)	Recommendations (04)
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(01)	(02)	(03)	(04)
01.	Accessibility to the premises	The premises is accessible from 30.00 mtrs. wide NH 66, located on the western side and the road is hard surfaced.	Complied.
02.	No. of entrances	One of 6.00 mtrs. width	Complied.
03.	Diesel generators.	Provided one diesel generator of 100 KVA capacity and connected to all the staircase lighting, corridor lighting, fire lift and fire fighting systems.	Complied.
04.	Number of staircase	<p>Nos. of staircases : 02 Nos.</p> <p>Width of staircases : Each of 01.60 mtrs.</p> <p>Width of treads : 30 cms.</p> <p>Height of risers : 15 cms</p> <p>Nos. of riser per flight : 12 Nos. per flight</p> <p>Height of handrails : 00.85 mtr.</p>	Complied
05.	Portable extinguishers	As recommended in all provided 13 Nos. ABC powder extinguishers, each of 6 kgs. Capacity, 13 Nos. CO ₂ extinguishers, each of 2 kgs. Capacity, and 2 Nos. Fire Buckets, each of 9 litres capacity with metal stand filled with clean dry fine sand near switch board room, near the entrance of transformer, generator room, near each staircase landing at each floor, office room & library.	Complied.
06.	Hose reel hose system	Provided 03 Nos. Hose reel hose, each of 19 mm size and of adequate length to reach the farthest point of each floor, near each staircase landing with a shut off branch of 5 mm size.	Complied.
07.	Terrace tank over respective tower terrace.	Hose reel Hose System has been connected to an over head tank of 1,00,000 litres capacity.	Complied.



(01)	(02)	(03)	(04)
08	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Hose reel Hose System has been connected to an booster pump of 900 LPM. Further the system has been connected to an alternative source of power supply.	Complied.
13.	Fire control room at ground floor.	Fire Control room provided at the ground floor.	Complied.
09	Escape routes	As recommended the direction in which the students and faculty have to move in the event of any emergency has been marked in each corridor at each floor.	Complied.
10	Fire order (Fire safety plans)	Notice boards indicating the details of action to be taken in case of any emergency with telephone number of Mangaluru Fire Stations i.e., 101 or 0824-2423333/2211085/2213192 and nearby ambulance service have been displayed near each staircase landing at each floor.	Complied.
11.	No smoking board	Provided No smoking boards, written in both Kannada & English.	Complied.
12.	Fire fighting training	Two employees have undergone training in fire fighting at the office of the Chief Fire Officer, Mangaluru from 11-10-2021 to 13-10-2021.	Not Complied. Atleast 40% of the staff should be got trained in basic fire fighting at Karnataka Fire and Emergency Services, Chief Fire officer's Office, Pandeshwara, Mangaluru – 575001 or at the R.A.Mundkur Karnataka Fire & Emergency Services Academy, Bannerghatta Road, Bengaluru – 560 029.

13. **Fire precautionary measures :-**

- 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 combustibile 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 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 '**Renewal of Fire Safety Recommendation**' to The Yenepoya School building at Sy.No.29/2A, 28/1, 30/5B, 30/6, Jappinamogaru Village, Mangaluru Taluk, Dakshina Kannada District, subject to condition to arrange the training of occupants/employees within 3 months. The applicant has remitted Rs.20,000-00 (Rupees twenty thousand only) vide challan No. 124991990 dated 30-10-2021 at SBI Arya Samaja Road, Mangaluru being the fees.

This **Fire Safety Recommendation** is valid for only one year from the date of issue and it is renewable.



Yours faithfully,
[Signature]
Chief Fire Officer
Karnataka State Fire & Emergency Services
Mangalore

Copy to:-

- 1) The Central Board of Secondary Education, Shiksha Kendra-2, Community Centre, Preet Vihar, Delhi – 110092.
- 2) The District Fire Officer, Mangaluru.