



No.661/FSR/CFO/BWZ/2021

19-04-2021

To,

*The Authorized Signatory,
Kendriya Vidyalaya,
Amalapura, Arakere Post,
Tumkur 572 106.*

Sir,

Sub : Issue of 'Fire safety Recommendation' to *Kendriya Vidyalaya*
Situating at *Amalapura, Arakere Post, Tumkur.*

Ref: Your letter Dated 16-04-2021.

* * * * *

With reference to the subject above cited, the premises of *Kendriya Vidyalaya* situated at *Amalapura, Arakere Post, Tumkur* was inspected by District Fire Officer, Tumkur Fire Station on 17-04-2021 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under;

ANNEXURE-B

NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2.
(These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory.)

A. Details of the building / premises :-

01.	Name and Address of the Applicant.	:	<i>The Authorized Signatory, Kendriya Vidyalaya, Amalapura, Arakere Post, Tumkur 572 106.</i>
02.	Name and Address of the premises.	:	<i>Kendriya Vidyalaya, Amalapura, Arakere Post, Tumkur 572 106.</i>
03.	Number of buildings	:	One building.
04.	Number of floors	:	Ground & an upper floor.

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केंद्रीय विद्यालय KENDRIYA VIDYALAYA
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तुमकूर-५७२ १०६. TUMAKURU - 572 106.



05.	<u>Floor-wise details of occupancy:-</u>	
	Ground floor	: 14 class rooms, office room, staff room, principal room, NCC room, biology lab, chemistry lab, medical room, general store, wash room & reception
	1 st floor	: 14 class rooms, office room, staff room, principal room, computer lab, physics lab, examination rooms, library, general store & wash rooms
06.	Height of the building	: 08.15Mtrs.
07.	Site area	: 10 acres
08.	<u>Built-up area of each floor:-</u>	
	Ground floor	: 1933.52 Sq.Mtrs.
	1 st floor	: 1933.52.Mtrs.
09.	Total built-up area	: 3867.04 Sq. Mtrs.
10.	<u>Surrounding properties:-</u>	
	East	: Private property
	West	: Private property
	North	: 24.00 mtrs wide Tumkur Madhugiri road
	South	: Private property
11.	<u>Set-back area available around the building :-</u>	
	East	: Min 06.00 Mtrs.
	West	: Min 06.00 Mtrs.
	North	: Min 06.00 Mtrs.
	South	: Min 06.00 Mtrs.
Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.		

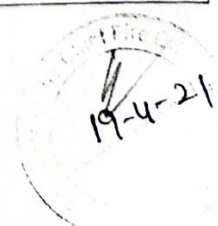
B. On inspection of this School premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-

Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the Premises	The premises is accessible from 24.00 mtrs wide road located on Northern side	Adequate

[Signature]

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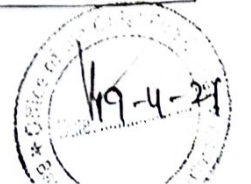
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02.	Number of entrances	02 entrances, each of 06.00 mtrs width has been provided		: Complied
03.	Generators	One standby generator of 22.50 KVA capacity and it is connected to all the lighting & emergency provision in the building.		: Existing generator should be connected to all emergency lighting & all fire fighting systems.
04.	Number of staircase	Nos. of staircases	: 04 No's	Complied.
		Width of staircases	: Each of 01.50 Mtrs	
		Width of treads	: 30 Cms	
		Height of risers	: 15 Cms	
		Nos. of riser per flight	: 10 No's	
		Height of handrails	: 01.00Mtrs	
		Head room clearance	: 02.90 mtrs	
05.	Portable extinguishers	10 nos of ABC type fire extinguishers, each of 6 kgs capacity have been provided.		: A. One ABC type fire extinguisher of 06 kgs capacity should be kept for every 50 mtrs in corridor of the building. B. One water mist & CAFS type fire extinguisher of 9 ltrs capacity should kept near each staircase landing. C. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.

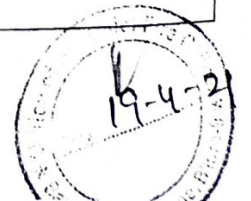
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			D. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.
06.	Hose reel hose system	Not provided	Recommended to provide 02 Hose Reel Hose near each staircase The hose reel hose of min 19mm size and of adequate length to reach the farthest point of each floor should be provided shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.
07.	Terrace tank over respective tower terrace.	Not provided	Each, system should be connected to an over head tank of 10,000 ltrs capacity
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided	Each, system should be connected to an booster pump of 450 LPM. Further the system should be connected to an alternative source of power supply.
09.	Escape routes	Direction in which the students have to move in the event of an emergency has been indicated in the corridor on each floor during evacuation.	Complied


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10.	Fire order (Fire safety plans)	Not displayed	A notice board should be indicated the action should be taken by the employees in case of any emergency with the telephone number of Pavagada fire station i.e 08136 - 245200 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.
11.	No smoking board	COTPA Sec-4 directing No Smoking area smoking here is an offence board is written in English & Kannada both language has been prominently displayed at inside the entry / exit of the each floor.	Complied
12.	Fire fighting training	Not imparted	At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore



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19-4-21

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 or 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 '**Fire Safety Recommendation**' to *Kendriya Vidyalaya* situated at *Amalapura, Arakere Post, Tumkur* subject to condition and compliance of the above recommendations in column -3 of serial - B within 3 months and compliance to the undersigned.

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

✦ All requirements recommended above are as per National Building Code- 2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully

[Signature]
 Chief Fire Officer
 Bangalore
 Highground Fire Station, Bangalore
 Bangalore - 560 009.

[Signature]

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