District Fire Officer
Karnataka Fire And Emergency Service
A.P.M.C. Market
Malapur Road, DHARWAD

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GOVERNMENT OF KARNATAKA
OFFICE OF THE DISTRICT FIRE OFFICER DHARWAD-580008
(Fire and Emergency Services Department)

Telephone0836-2794555
Email:dfodharwad@ksfes.gov.in

CNO:27/ADV/DFO/DWD/2022
DATE:28/09/2022

To,
The Principal
kendriya vidyalaya
someshwar temple road
Dharwad-580002

Sir, Sub :Issue of '*Fire safety recommendation*' to Kendriya Vidyalaya Someshwar temple Road Dharwad

Ref :Application Date:23/09/2022
C.NO:27/FSO/Dharwad/2022 dated:27/09/2022

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With reference to the subject above cited, the premises of **Kendriya Vidyalaya Someshwar temple Road Dharwad-580002** was inspected by the Fire Station Officer, Dharwad on 27/09/2022 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-1

(UP to14.99 mtrs.in height)

Group B Eduction Building

NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings

(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.	:	The Principal Kendriya Vidyalaya Someshwar temple Road Dharwad -580002
02	Name and Address of the premises.	:	Kendriya Vidyalaya Someshwar temple Road Dharwad -580002

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03	**Name and address of the Building owner**		Kendriya Vidyalaya sanghatan Kendriya Vidyalaya Someshwar temple Road Dharwad -580002
04	**Number of buildings**		01
05	**Number of floors**		G+3
06	**Floor-wise details of occupancy:-**		
	Ground floor	:	class rooms-04,medical room-01, vice principal room-01, office room-01, principal room-01, craft room-01, chemistry room-01, staff room-01, social room-01, Art room-01, room-01
	1st floor	:	class rooms-04, ncc room-01, pet room-01, science theory room-01, lab-03
	2nd floor	:	class rooms-04, staff room-01, library room-01, higher secondary class room-07
	3rd floor	:	class rooms-11, general store room-01
07	**Height of the building**		14.00 Mtrs.
08	**Site area**		60702.80 Sq. Mtrs.
09.	**Built-up area of each floor:-**		
	Ground floor	:	1406.00 Sq. Mtrs
	1st floor	:	1406.00 Sq. Mtrs
	2nd floor	:	1406.00 Sq. Mtrs
	3rd floor	:	1406.00 Sq. Mtrs
10.	**Total built-up area**	:	**5624.00 Sq. Mtrs.**
11.	**Surrounding properties:-**		
	East (front)	:	Someshwar temple road

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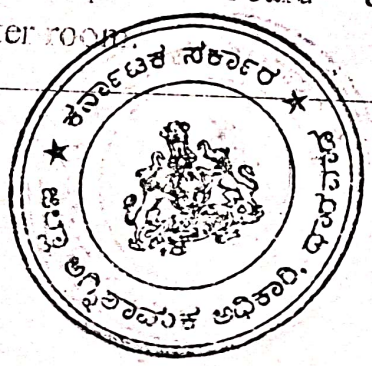
	West (rear)	Open road
	North (side)	Open road
	South (side)	Open road
12.	**Set-back area available around the building :-**	
	East (front)	05.00 Mtrs.
	West (rear)	03.00 Mtrs.
	North (side)	03.00 Mtrs.
	South (side)	03.00 Mtrs.
	Allowed Setbacks (Open Space) Should Be Maintained Free From Further Obstruction/Construction	

Note: Recommended to provide and maintain setbacks as per Local ZR.

B. On inspection of this Educational 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 abutting by 12 mtr wide road located on the eastern side	Adequate
02.	**No. of entrances**	01 no. of entry & no. of exit-00	Recommended to provide 02 entrances, each of 6.00 mtrs, width from 12.00 mtr wide road, located on the Eastern side.
03.	**Width of entry / exit**	Width of entry – 6.0 mtr	Recommended to provide 02 entrances, each of 6.00 mtrs, width from 12.00 mtr wide road, located on the Eastern side.

04.	Diesel generators.				Recommended To Provide Diesel Generator Of 15 KVA Capacity
05.	No. of staircases available	Nos. of staircases	:	02	Adequate
		Width of staircases	:	1.5 mtr	
		Width of treads	:	30 cms	
		Height of risers	:	15 mtr	
		Nos. of riser per flight	:	09	
		Height of handrails	:	1 mtr	
		Head room clearance	:	03 mtr	
06.	No. lifts and capacity.	Nos. of lifts	:	-	Not Applicable
		Capacity of lifts	:	-	
07.	Fire extinguisher	provided A. ABC type fire extinguisher 14 no's of 4kgs & 06 no's of 2kgs capacity provided near stair case in each floors & class rooms. B. Two CO2 type fire extinguisher, of 4.5 kgs. capacity provided near electrical panel board & computer room.			Recommended To Provide A. One water mist extinguisher of 9 ltrs capacity should kept near each 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) Two 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 6K kgs capacity should be located as to be available within 15 mtrs. radius.
08.	**Public address system**	--	Recommended to provide two way public address system communication facilities near staircase landing of the floor
09.	**First aid Hose reel hose.**	--	Recommended to provide one hose reel hose near each staircase (one hose reel hose system for every 1000 sq.mtrs) the hose reel hose of min. 19 mm size & of adequate length to reach the farthest point of each floor provided shut off branch having a nozzle of 5 mm size the hose reel hose connected at each landing of each block
10.	**Automatic sprinkler system.**	--	Not required
11.	**Terrace tank over respective tower terrace.**	provided 70,000 ltrs of Terrace tank	complied

12.	At the terrace tank level with minimum pressure of 3.5 kg/cm^2.	--	Recommended to provide booster pump required 450ltrs. Per minute capacity.
13.	Fire control room at ground floor.	--	Recommended to provide Fire control room at ground floor.
14.	Escape routes	--	Recommended to provide direction in which the employees/students should have to move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits.
15.	Fire Order	--	Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landing at each floor with telephone numbers of dharwad fire station i.e 0836-279455 & 101 telephone numbers of the nearest ambulance service & police station
16.	No Smoking Board	--	COPTA 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

17.	**Fire fighting training**	--	at-least 40% of employees shall be got trained in basic fire fighting at R.A.Mundkur fire & emergency services academy, hannerughatta road Bangalore within 3 months or at an early date. and shall be submitted to this office.
18.	**fire siren**	--	A fire siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area
19.	**nominate one fire nodal officer**	--	Shree Basappa Hosamani A Staff Of The Same School Is Nominated as A Fire Nodal Officer

20. **fire precautionary measures:-**

A. Explosive and flammable material should not be stored in the store room, UPS room, electrical panel area, class room, 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 outside.

G. As per Hon'ble supreme court order all teachers and staff shall be trained to handle safety equipments, 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.

The karanataka fire & emergency service department is issued the fire safety recommendations in compliance to the undersigned, within 90 days.

All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.4 of Fire and Life safety will have to be complied with mandatorily.

From the above details it is clear that the **'Management'** of the above educational building have been recommended to provide fire precautionary measures as per **National building code 2016, part-4. table 7 (11) 3.1.3 group b educational building sub division b1 & b2.** after full-filling the above recommendations, a certificate should be obtained by this office. ***If at any time any of the conditions are found not complied with, this certificate shall stand withdrawn/cancelled.***

Hence, on the report submitted by the Fire Station Officer dharwad this recommendations is issued to **kendriya vidyalaya** building consisting with ground +03 floor only, situated At **someshwar temple road Dharwad-580002**

This certificate is valid for a period of one year from the date of issue of this letter and is renewable

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Yours faithfully

29/09/202

DISTRICT FIRE OFFICER
DHARWAD

Copy to the Fire Station Officer Dharwad.