



C.NO/18/ADV/DFO/BELAGAVI/2022

Date : 23-06-2022

To,

The Principal
Swami Vivekananda School
Hukkeri, Hukkeri Taluk,
Belagavi District-591309

Sir,

Sub:- Issue of 'Fire safety recommendation/Advice' to Swami Vivekananda
Kannada Medium Primary School, Hukkeri, Hukkeri Taluk, Belagavi
District.

Ref:- Applicant Request Letter Dated : 20/06/2022

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With reference to the subject above cited, the premises of to Swami Vivekananda Kannada Medium Primary School, building consisting with Ground & 1st floor situated at Hukkeri, Hukkeri Taluk, Belagavi District was inspected by the District Fire Officer, Belagavi on 21/06/2022 with respect to fire Prevention, Fire fighting and Evacuation measures to be complied in the above premises and the details as under.

ANNEXURE-1

(Up to 14.99 mtrs. In height)

"GROUP-B Educational Buildings

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	The Principal Swami Vivekananda School Hukkeri, Hukkeri Taluk, Belagavi District-591309
02.	Name and Address of the Premises	Swami Vivekananda Kannada Medium Primary School, Hukkeri, Hukkeri Taluk, Belagavi District
03.	Name and Address of the Building Owner	The President Sri. Ashok Patil READS Hukkeri Satyam Shivam Nilaya Vivekananda Nagar, Court Circle, Hukkeri Hukkeri Taluk, Belagavi District.
04.	Number of Building	1
05.	Number of Floors	Ground & 1 st floor
06.	Floor-wise details of Occupancy:-	
	Ground Floor	Office Room-1, Science Lab-1, Lab-1, Record Room-1 & Class Room-09
	1 st floor	Class Room-6, Function Hall-1, Computer Lab-1, Maths Lab-1 & Art Room-1.
07.	Height of the building	07.80 Mtr
08.	Site area	2 Acre

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09.	Built-up area of each floor:-	
	Ground Floor	2203.48 Sq mtr
	1 st floor	2203.48 Sq mtr
10.	Total Built-up area	4406.96 Sq mtr
11.	Surrounding properties:-	
	East (Rear)	Agriculture Land
	West (Front)	Road
	North (Side)	Agriculture Land
	South (Side)	Agriculture Land
12.	Open Space all around the building	
	East (Rear)	03.00 mtr
	West (Front)	200.00 mtr
	North (Side)	02.00 mtr
	South (Side)	02.00 mtr
	Allowed Setbacks (open space) should be maintained free from further obstruction/construction.	

B. On the 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)
01.	Accessibility to the premises	The premises is accessible with 06.00 Mtr wide road on the western side		--
02.	Number of Entrances	Two Nos of entrance each of 06.00 mtr wide		--
03.	Number of Staircase	No of staircase	One	Staircase should be clear from any obstructions.
		Width of the staircase	01.10 mtr	
		Width of threads	0.25 mtr	
		Height of risers	0.15 mtr	
		No of risers per flight	13	
		Height of the hand drill.	-	
04.	Portable Extinguishers	03 Nos of 6 Kg capacity DCP & 02 Nos of 6 Kg capacity ABC type Fire extinguishers provided.		<p>A. One water mist extinguisher of 09 ltrs capacity should be kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 09 ltr capacity & one ABC type extinguisher of 06 kgs capacity should be provided near the diesel generator.</p> <p>C. One CO2 type fire extinguisher of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p> <p>D. One ABC type fire extinguisher of 06 Kgs capacity should be located as to be available within 15 mtrs. Radius.</p>



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05.	Hose reel hose system	Not Provided	One Hose reel hose near the staircase (One hose reel hose system for every 1000 sq.mtrs) . The hose reel hose of min 19 mm size and of 30 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 05 mm 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	The system should be connected to an booster pump of 450 LPM or of 5 HP capacity. Further the system should be connected to an alternative source of power supply.
07.	Diesel Generator	Not Provided	Diesel generator of 15 KVA capacity should be provided to supply alternative power supply..
08.	Terrace Tank	02 tanks one of 500 ltrs capacity and another one of 1000 ltrs capacity overhead water tank Provided.	The system should be connected to an over head tank of 5000 ltrs capacity further if basement is provided the tank capacity shall be increased to 10,000 ltrs capacity. (The water tank should be kept exclusively for fire fighting purpose.) Note: if the existing building is not capable of sustaining the weight of 5,000/10,000 ltrs 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.
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 with the telephone numbers of Hukkeri fire station i.e 8762862101 & 101. 080-22971550, 22971500, 22971600 and the telephone nos nearest ambulance services and police station.
11.	No Smoking board	Not Displayed	COPTA Sec-4 direction of No Smoking area , smoking here is an offence board should be written in English & Kannada both languages shall be prominently

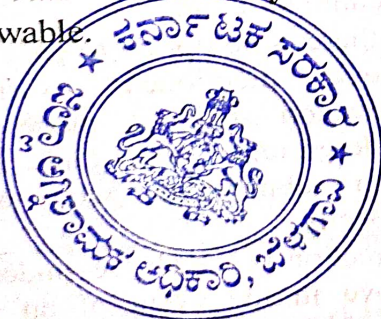


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			displayed at inside the entry/exit of the each floor.
12.	Fire Siren	Not Installed	A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
13.	Nominate One Fire Nodal Officer	--	A Fire Nodal Officer shall be nominated either from teaching or non teaching staff.
14.	Fire Fighting Training	Not Imparted	At least 40% of the Teaching and non Teaching staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore or Regional training centre.
15.	<u>Fire Precautionary Measures</u> <i>A :- Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory and electrical sum panel premises.</i> <i>B:- Accumulation of combustible waste in and around the premises should be avoided.</i> <i>C:- The Exit ways shall be always kept clear without any obstruction.</i> <i>D:- Liquefied petroleum gas should not be stored in the building.</i> <i>E:- The doors shall not be kept locked/ latched during working hours and shall be free from obstruction.</i> <i>F:- During the class hours the class room door shall not be locked from inside to out side.</i> <i>G:- As per Honorable 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-ordination with the fire services department.</i>		

Under the above circumstance the Karnataka Fire & Emergency Services Department is issuing “ **Fire Safety Recommendation**” to **Swamy Vivekanand Kannada Medium Primary School, Hukkeri Taluk, Belagavi District** subjected to condition and compliance of the above recommendations in column-4 of serial-B within 03 months and compliance to the undersigned.

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



Yours Faithfully

[Signature]
 District Fire Officer
 Karnataka State Fire And Emergency Services
 Belagavi-01.