

Karnataka Fire and Emergency Services Department



Office of the Chief fire officer,
Bangalore west zone, High-ground fire station premises,
Sheshadri road, Bangalore - 560 009.
080 - 22971523 / 500 / 600. Fax : 080 - 22971523.

No.410/FSR/CFO/BWZ/2019

24-07-2019

To,

*The Secretary,
Sri Vagdevi Education Society (R),
Khatha No. 5/1, NH-13,
C.B Road, Holalkere Town & Taluk,
Chitradurga District.*

Sir,

Sub : Issue of 'Fire safety Recommendation' to *Sri Vagdevi Education Society (R)*, Situated at *Khatha No. 58/1, NH-13, C.B Road, Holalkere Town & Taluk, Chitradurga District.*

Ref: Your letter Dated 17-07-2019.

* * * * *

With reference to the subject above cited, the premises of *Sri Vagdevi Education Society (R)* situated at *Khatha No. 58/1, NH-13, C.B Road, Holalkere Town & Taluk, Chitradurga District* was inspected by District Fire Officer, Peenya Fire Station on 19-07-2019 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 Secretary, Sri Vagdevi Education Society (R), Khatha No. 5/1, NH-13, C.B Road, Holalkere Town & Taluk, Chitradurga District.</i>
02.	Name and Address of the premises.	:	<i>Sri Vagdevi Education Society (R), Khatha No. 5/1, NH-13, C.B Road, Holalkere Town & Taluk, Chitradurga District.</i>

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Vagdevi International Residential School

Holalkere-577 526.

Disse No.29130402734



03.	Number of buildings	:	One building only.
04.	Number of floors	:	Ground & 02 upper floors.
05.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Reception, principal room, office room, staff room, knowledge center, 10 class rooms, 02 store rooms, wash rooms & toilets.
	1 st floor	:	09 class rooms, 02 labs & library.
	2 nd floor	:	Staff room, music room & 10 class rooms.
06.	Height of the building	:	12.50 Mtrs.
07.	Site area	:	12141.00 Sq. mtrs
08.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	730.13 Sq.Mtrs.
	1 st floor	:	730.13 Sq.Mtrs.
	2 nd floor	:	730.13 Sq.Mtrs.
09.	Total built-up area	:	2190.39 Sq. Mtrs.
10.	<u>Surrounding properties:-</u>		
	East	:	Private property.
	West	:	Private property.
	North	:	Private property thereafter 16.00 mtrs wide C.B road.
	South	:	Private property.
11.	Setbacks area		
	North	:	Min 30.00 mtrs
	South	:	Min 06.00 mtrs
	East	:	Min 15.00 mtrs
	West	:	Min 03.50 mtrs
<p>Allowed setbacks should be maintained free from further any obstruction construction for easy movement of emergency vehicles</p> <p>For Sri Vagdevi Education Society (R.)</p> <p>Principal</p> <p>Vagdevi International Residential School</p> <p>Holalkere-577 526.</p> <p>Dise No.29130402734</p>			

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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 premise is abutting from 16.00 mtrs wide CB road located northern side through 10.50 mtrs wide internal road on western side. Both roads are hardened to carry the weight of water tender.	Adequate														
02.	Number of entrances	One main entry of 08.50 mtrs width has been provided.	Complied														
03.	Generators	Not provided	Not Complied One adequate capacity of generator should be provided. Further it should be connected to alternative power supply.														
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>: 02 No's</td> </tr> <tr> <td>Width of staircases</td> <td>: 01.10 mtrs</td> </tr> <tr> <td>Width of treads</td> <td>: 27 Cms</td> </tr> <tr> <td>Height of risers</td> <td>: 15 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>: 12 No's</td> </tr> <tr> <td>Height of handrails</td> <td>: 0.90 Mtrs</td> </tr> <tr> <td>Head room clearance</td> <td>: 03.50 mtrs</td> </tr> </table>	Nos. of staircases	: 02 No's	Width of staircases	: 01.10 mtrs	Width of treads	: 27 Cms	Height of risers	: 15 Cms	Nos. of riser per flight	: 12 No's	Height of handrails	: 0.90 Mtrs	Head room clearance	: 03.50 mtrs	Complied.
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Head room clearance	: 03.50 mtrs																
05.	Portable extinguishers	02 ABC type fire extinguishers, each of 06 kgs capacity has been provided.	A. One ABC type fire extinguisher of 06 kgs capacity should be kept for every 50 mtrs in corridor of the building.														

For Sri Vagdevi Education Society (R.)


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			<p>B. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>C. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>D. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p>
06.	Hose reel hose system	Not provided	<p>Recommended to provide One 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.</p>

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07.	Terrace tank over respective tower terrace.	Not provided	The 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	The 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	Not marked	Direction in which the students have to move in the event of an emergency should be indicated in the corridor on each floor during evacuation.
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 Holalkere fire station i.e 9483109101& 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.

For Sri Vagdevi Education Society (R.)

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11.	No smoking board	Not displayed	COTPA Sec-4 directin 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 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
13.	<p><u>Fire precautionary measures :-</u></p> <p>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.</p> <p>B. Accumulation of combustible waste in and around the premises should be avoided.</p> <p>C. The exit ways shall be always kept clear without any obstruction.</p> <p>D. Liquefied petroleum gas should not be stored in the building.</p> <p>E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F. During the class hours the class room doors shall not be locked from inside to outside.</p> <p>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.</p>		

FOR Sri Vagdevi Education Society (R.I)

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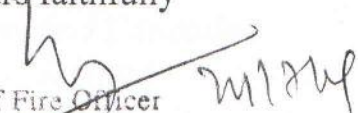
Dise No.29130402734



Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing 'Fire Safety Recommendation' to *Sri Vagdevi Education Society (R)* situated at *Khatha No. 58/1, NH-13, C.B Road, Holalkere Town & Taluk, Chitradurga District* subject to condition and compliance of the above recommendations in column -3 of serial - B within 3 months and compliance to the undersigned. After compliance of the above recommendation the *Compliance Report* will be issue for a period of one year from the date of issue of this report & 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


Chief Fire Officer
Bangalore West, Sheshadri Road,
Highground Fire Station Premises,
Bangalore - 560 009.

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