

# Karnataka State Fire And Emergency Services Department



Office of the District fire officer  
Karnataka state fire and Emergency Services  
YADGIR Fire station, Raichur 584102,



C.NO: 26/ FSR/DFO/YADGIR/2024

Date: 13 /07 /2024

## "Fire Safety Recommendation"

### ANNEXURE-I

#### Group-B Educational Building

"B1 And B2- Schools Up to Senior Secondary Level and other institutions"  
NBC-2016, Part-4, Table 7 (11) 3. 1. 3 Group-B Educational Buildings

To,

**The Principal**  
**Sri Sai Vidyaniketan**  
**School Diggi Road Shahapur**  
**Sy No 516 At Halisagar**  
**Taluk|| shahapur, Dist|| -Yadgir**

Sir/Madam,

Sub:- Issue of "Fire Safety Recommendation " Sri Sai Vidyaniketan School Diggi  
Road Shahapur Sy No 516 At Halisagar Taluk|| shahapur, Dist|| -Yadgir

Ref: 1.Applicant Request Letter on Dated: 08/07/2024,  
2.CNo :INS/10/FSO/SHP /2024/266, Dated: 09/07/2024,

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With reference to the subject above cited, the premises of "Sri Sai Vidyaniketan  
School Diggi Road Shahapur Sy No 516 At Halisagar Taluk|| shahapur, Dist|| -Yadgir  
was inspected by Fso shahapur on Date: 09 /07/2024 with respect to fire prevention, fire fighting  
and evacuation measures to be complied premises and Submitted building details as under.

#### A. Details of the Building/Premises:-

01.	Name and Address of the applicant.	:	The Principal Sri Sai Vidyaniketan School Diggi Road Shahapur Sy No 516 At Halisagar Taluk   shahapur, Dist   -Yadgir
02.	Name and Address of the premises.	:	<b>Sri Sai Vidyaniketan School Diggi Road Shahapur Sy No 516 At Halisagar Taluk   shahapur, Dist   - Yadgir</b>
03.	Name and Address of the Building owner.	:	<u>The President</u> Dr.Sudat patil S/O Bapugouda Das
04.	Number of Buildings	:	01 No Building.
05.	Number of floors	:	Ground Floor + 02 Upper Floors
06	<b>Floor-wise details of occupancy :-</b>		
	Ground floor	:	Class Room-05 No's , Computer Lab-01 No, Staff Room-01 No, Sports Room-01 No, Store Room-02 No's , Room-01 No, Toilet-02 No's.
	First floor	:	Class Room-05 No's, Library-01 No, Computer Room-01 No, Staff Room-01 No, Room-01 No, Sports Room-01 No,

			Store Room-02 No's, Toilet-02 No's
	Second Floor		Class Room-05 No's, Library-01 No, Computer Room-01 No, Staff Room-01 No, Room-01 No, Sports Room-01 No, Store Room-02 No's, Toilet-02 No's
07	Height of the building	:	11.00 Mtrs
08	Site area	:	7260.65 Sq.Mtr
09	<b>Built-up area of each floor :-</b>		
	Ground Floor:	:	1171.25 Sq.Mtr.
	First Floor:	:	1171.25 Sq.Mtr.
	Second Floor	:	1171.25 Sq.Mtr.
10	Total built-up area	:	<b>3513.75 Sq.Mtr.</b>
11	<b>Surrounding properties:-</b>		
	East	:	Diggi Main Road & Beside Agriculture Land
	West (front)	:	Agriculture Land
	North	:	Agriculture Land
	South	:	Agriculture Land
12.	<b>Set back area available around the Building:-</b>		
	East	:	03.00 Mtr. Then Play Ground
	West (front)	:	13 mtrs.
	North	:	12 mtrs
	South	:	05mtrs
			Recommended: To provide as per Local Zonal Regulations.

B. On inspection of this Institutional 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 Premises.	The premises is accessible from 05 meters Wide Road from East side. Towards connected to shahapur to diggi road.		Adequate.
02	No of entrances.	01 No , width 05 Mtrs		--
03	No. of staircases available	No of staircase	: 02 No	-----
		Width of staircase	: 1.50Mtrs   1.50Mtrs	
		Width of treads	: 11 Inches   11 Inches	
		Height of risers	: 5 Inches   5 Inches	
		No of riser per flight	: 10 No's.   10 No's.	
		Height of handrails	: 0.80 Mtrs   0.80 Mtrs	
	Head room clearance	: 03.00 Mtr		
04	Portable Extinguisher	Not Provided.		<b>Recommended To Provide</b> A. 01 Water Mist Extinguishers of 9 liters Capacity Should be kept near each

			<p>Staircase Landing</p> <p>B.01 Mechanical Foam Extinguishers of 09 Liters Capacity and 01 ABC type Extinguishers of 6 kg capacity should be provided near diesel Generator.</p> <p>C.No of CO2 Fire Extinguisher of 4.5 kg capacity Should be Provided near each Electrical Panel Board And Electrical Room. Switch board</p> <p>D.01.No ABC Fire Extinguisher each of 6 Kg capacity Should be Located as Available Within 15 Mtrs Radius. in - each floor.</p> <p>[All the extinguishers suggested above should be with B.I. Smarkings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically].</p>
05	First aid Hose reel hose.	Not Provided.	<p><b>Recommended To Provide</b></p> <p>01 No of Hose reel hose in Every Floor Near the Staircase (one hose Reel hose System for every 1000 Sq Mtrs) The hose Reel of min 19 mm size and of (30 Mtrs Length) Shall be Provided to reach the farthest Point each floor and Shut off Branch having Nozzle. of 5 mm The hose reel hose should be connected for each Landing,</p>
06	Terrace tank over the respective tower terrace.	Not provided	<p><b>Recommended To Provide</b></p> <p>Over Head tank &amp; The Hose reel hose System Should Be connected An Over Tank of 10,000 Ltr water Capacity. (The Water Tank Should Be Kept Exclusively Fire Fighting Purpose).</p>
07	At the terrace tank level with minimum pressure of 3.5 kg/cm2.	Not Provided.	<p><b>Recommended To Provide</b></p> <p>Provide 01 No of booster pump of 450 LPM are 05 Hp Capacity Further The system should be connected to an Alternative source of Power supply</p>
08	Diesel Generators	Not Provided.	<p><b>Recommended To Provide</b></p> <p>Diesel generator of 15 KVA capacity should be provided to alternative power supply. generator supply</p>
09	Escape routes	Not Marked.	<p><b>Recommended To Provide</b></p> <p>Direction in which the students have to move in the event of an emergency should be displayed in the corridor in each floor during evacuation.</p>
10	Fire order (Fire Safety Plans)	Not Displayed	<p><b>Recommended To Provide</b></p> <p>The Notice board &amp; have been indicted the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Shahapur</p>

