

GOVERNMENT OF KARNATAKA

Fire Station  
BAGALKOT-587 102

C.NO/400/ADV/DFO/BAGALKOT/2023

Date.....16/06/2023

To,  
Executive President  
Sanadi Education Health Rural  
Development Trust  
Tq : Jamakhandi , Bagalkot District.

Sir,

Sub : Issue of 'Fire safety recommendation/Advice' to **Sanadi International School at Sy No 26 Mudhol Road Siddapur village, Jamakhandi Taluk Dist : Bagalkot.**

Ref: 1) Applicant request letter Dated : 15/06/2023.  
2) No.GBC(2)044/2020-21 Dated : 18/06/2022 S.O No.156-B.

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With reference to the subject above cited, the premises of **Sanadi International School building consisting with Partial Basement, Ground Floor + 02 upper Floor situated at Sy No 26, At Mudhol Road Siddapur, Tq : Jamakhandi, Bagalkot District.** was inspected by me on 15/06/2023 and 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 to 14.99 mtrs. in height)  
Group B Education Building

*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.	:	Executive President Sanadi Education Health Rural Development Trust Tq : Jamakhandi , Bagalkot District.
02	Name and Address of the premises.	:	Sanadi International School Sy No 26 Mudhol Road Siddapur Village, Jamakhandi Taluk Bagalkot District.
03	Name and address of the Building owner	:	Executive President Sanadi Education Health Rural Development Trust Tq : Jamakhandi , Bagalkot District.
04	Number of buildings	:	One
05	Number of floors	:	Partial Basement ,Ground +02 upper floor
06	Floor-wise details of occupancy:-		
	Partial Basement	:	Store Room.



	Ground Floor	:	Class Room-08, Faculty room, Office/Admin room, Principal room, Board room, Chairman room.
	First Floor	:	Class Room-14, Staff room, Courtyard.
	Second Floor	:	Class Room-06, Language lab, Math lab, Girls activity room, Science lab-03, Multipurpose room, Library/ Digital Library.
07	Height of the building	:	12.90 Mtrs.
08	Site area	:	27518.24 Sq Mtr
09	Built-up area of each floor:-		
	Partial Basement	:	205.25 Sq Mtr
	Ground floor	:	1076.00 Sq Mtr
	First Floor	:	1087.56 Sq Mtr
	Second Floor	:	1286.06 Sq Mtr
10.	Total built-up area	:	3449.62 Sq Mtr
11.	Surrounding properties:-		
	East	:	Sy No 26/2
	West	:	Sy No 25
	North	:	12.00 mtr wide internal road
	South	:	Sy No 26/2A, 26/1, 26/1A
12.	Set-back area available around the building :-		
	East	:	06.00 Mtrs.
	West	:	06.00 Mtrs.
	North	:	06.00 Mtrs.
	South	:	06.00 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 premise is abutting by 12.00 mtrs. Wide hard surfaced road located at Northern side of building.	Adequate
02.	No. of entrances	01 No entrance & 01 No of exit each of 06.00 mtrs wide is provided.	Adequate
03.	No. of staircases available	Nos. of staircases	: 02
		Width of staircases	: 2.00 mtr
		Width of treads	: 30 cm
		Height of risers	: 15 cm
			Adequate



		Nos. of riser per flight	:	09 no.	
		Height of handrails	:	1.00 mtr	
04.	Portable Fire extinguishers	-----			A. One water mist extinguisher of 9 ltrs capacity should keep 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. One 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 06 kgs capacity should be located as to be available within 15 mtrs. Radius.
05.	Hose reel hose system	Not Provided			One Hose Reel Hose near the staircase (One hose reel hose system for every 1000 Sq. Mt). The hose reel hose of min. 19 mm 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 of each building /block/wing/ tower.
06.	Pump at the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not Provided			The system should be connected to a booster pump of 450 LPM or of 5 HP capacities.
07.	Diesel Generator	Not Provided			Diesel generator of 15 KVA capacities should be provided to supply alternative power supply.
08.	Terrace tank over respective tower terrace.	Not provided			The system should be connected to an overhead tank of 5,000 ltrs. Capacity and further if



			<p>basement is provided the tank capacity shall be increased to 10,000 ltrs. capacity.</p> <p>(The water tank should be kept exclusively fire fight purpose)</p> <p>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 building with support from ground level by providing RCC column structure or MS column structure.</p> <p>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.</p>
09.	Escape routes	Not Provided	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
09.	Fire order (Fire safety plans)	Not Provided	Fire safety plans should be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of Jamakhandi <b>fire station i.e. 08353-238231 &amp; 101</b> telephone numbers of the nearest Ambulance service & Police Station.
11.	No smoking board	Not Provided	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.
12.	Fire Siren	Not Provided	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 of Fire Nodal Officer	Not Provided	A Fire Nodal Officer shall be nominated either from teaching or non teaching staff.
14.	Fire fighting training	Not Provided	At-least 40% of employees shall be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date. And shall be submitted to this office.
15.	<p>Fire precautionary measures:-</p> <p>A. Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory &amp; electrical sum panel premises.</p> <p>B. Accumulation of combustibile 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 14<sup>th</sup> of every year by conducting Fire Safety drills with co-ordinate with fire service department.</p>		

Under the above circumstance the Karnataka Fire And Emergency Service Department is issuing Fire Safety Recommendation to **Sanadi International School building** consisting with **Partial Basement, Ground Floor + 02 upper Floor** situated at **Sy No 26, At Mudhol Road Siddapur, Tq : Jamakhandi, Bagalkot District**. Subject to condition and compliance of the above recommendations in column 4 of serial B within 03 months compliance to the undersigned.



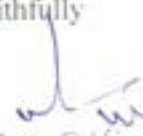
❖ All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.4 of Fire and Life safety will have to be complied with mandatorily.

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 Buildings 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.*

The Fire Safety Recommendation is valid for a period of one year from the date of issue and it is renewable.



Yours faithfully

  
District Fire Officer  
Fire Station  
BAGALKOT-587 102

**FIRE SAFETY CERTIFICATE** Office of the District Fire Officer

Karnataka State Fire Service

Fire Station

**BAGALKOT-587 102**

16/06/2023

Date.....

No : 400/DFO/BAGALKOT/2023

Certified that the Sanadi International School, (name of the building or premises) at Sy No : 26, Mudhol Road, Siddapur, Tq: Jamkhandi Dist : Bagalkot, (address) comprised of Partial Basement, Ground Floor+02 upper floor Only Owned / Occupied by Sanadi Education Health Rural Development Trust @ Jamakhandi District : Bagalkot, Karnataka State, (name of the Institution) have complied with the fire prevention and safety requirements in accordance with rule of State/ UT Fire Service Rule, and verified by the officers concerned of Fire Service on 09/05/2023 (date of inspection) in the presence of G N Sanadi Executive President of Sanadi Education Health Rural Development Trust @ Jamakhandi, (name and addresses of the secretary or his representative) and that the building / premises is fit for occupancy class LKG to X with effect from 16/06/2023 for a period of One year in accordance with rule and subject to compliance of the conditions.

This Certificate issued on the basis of the District Fire Officer Bagalkot vide Advise  
C.No/400/ADV/DFO/BAGALKOT/2023. Dated: 16/06/2023.

- Strike out whichever is not applicable



**District Fire Officer**

Fire Station

**BAGALKOT-587 102**

Signature with seal:

Name : Mallikarjunappa

Designation : District Fire Officer

To,

Executive President  
Sanadi International School  
Sanadi Education Health Rural  
Development Trust Tq : Jamakhandi, Bagalkot.  
(Name & Address of the Institution)

**ENDORSEMENT**

The No Objection Certificate issued by Service stand cancelled & Annulled Due to \_\_\_\_\_

(Reason to be recorded)

(Name and Designation of the Authorized)