

# Karnata Fire & Emergency Services Department



Office of the Fire Station Officer  
Karnataka Fire & Emergency Services  
Devanahalli Fire Station  
Bengaluru Rural Dist-562110



C.No:14/FSR/FSO/DVFS/2025

Date:06-05-2025

To,

The Hon. Secretary,

**Sunrise Education and Develoment Trust@,**

Sy.No.177/2, Gangavara Village, Budigere Post,

Devanahalli Taluk, Bangalore Rural Dist-562129.

## ANNEXURE-B

**"B1& B2 – Schools upto senior secondary level and other institutions"**

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

Sub : Issue of 'Fire safety Recommendation' for Educational Building in the premises of Sunrise Education and Develoment Trust@, Sunrise International School, at Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129.

Ref : Request letter dated: 03-05-2025.

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With reference to the subject above cited, the Educational Building in the premises of Sunrise Education and Develoment Trust@, Sunrise International School, at Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129. was inspected by the Fire Station Officer, Devanahalli Fire Station on **03-05-2025** the above premises and has submitted the details as under;

### **A. Details of the building / premises :-**

01	Name and Address of the Applicant.	:	The Hon. Secretary, <b>Sunrise Education and Develoment Trust@,</b> Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129.
02	Name and Address of the premises.	:	<b>Sunrise International School</b> Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129.
03	Name and address of the Building owner	:	The Hon. Secretary, <b>Sunrise Education and Develoment Trust@,</b> Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129.
04	Number of buildings	:	01 Building.
05	Number of floors	:	Ground + 04 upper floors



06	<b><u>Floor-wise details of occupancy:-</u></b>	
	Ground floor	: 1 Administrative office, 11 Class rooms.
	1 <sup>st</sup> floor	: 12 Class rooms.
	2 <sup>nd</sup> floor	: 12 Class rooms.
	3 <sup>rd</sup> floor	: 08 Class rooms.
	4 <sup>th</sup> floor	: 2 Labs, 1 Library, 5 Class rooms.
07	Height of the building	: 14.95 Mtrs.
08.	Site area	: 2 Acre, 1 Gunta.
09.	<b>Built-up area of each floor:-</b>	
	Ground floor	: 649.00 Sq. Mtrs.
	1 <sup>st</sup> floor	: 649.00 Sq. Mtrs.
	2 <sup>nd</sup> floor	: 649.00 Sq. Mtrs.
	3 <sup>rd</sup> floor	: 475.7 Sq. Mtrs.
	4 <sup>th</sup> floor	: 475.7 Sq. Mtrs.
10.	<b>Total built-up area</b>	<b>: 2898.40 Sq. Mtrs.</b>
11.	<b>Surrounding properties:-</b>	
	North(Front)	: 10.00 mtrs wide Gangavara Village road.
	South (Rear)	: Agricultural Land.
	East (Side)	: Vacant Land.
	West (Side)	: 06.00 mtrs village road and there after Residential Building.
12.	<b><u>Set-back area available around the building :-</u></b>	
	East (Front)	: 05.00 Mtrs.
	West (Rear)	: 00.50 Mtrs.
	North (Side)	: 04.00 Mtrs.
	South (Side)	: 00.60 Mtrs.
	<b>Allowed setbacks (open space) should be maintained free from further obstruction / construction</b>	

**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 accessible from 10.00 mtrs wide Gangavara Village road located on the Northern side & The Road is hardened to carry the weight of 45,000 Kgs.	Adequate



02.	Width of entry / exit	Provided One entry/exit 06.50 Mtrs. Width Located on the Northern side.				Complied	
04.	Diesel generators.	Not provided				Adequate capacity of diesel generator should be provided to supply alternate power to all the emergency provisions & fire fighting installations in the building.	
05.	No. of staircases available	Nos. of staircases	:	Provided 03 numbers of staircases			Complied
		Width of staircases	:	One of 1.20 mtr.	One of 1.00 mtr.	One of 0.80 mtr. (01 No. of staircase has been provided from Ground floor to reach the 2 <sup>nd</sup> floor.)	
		Width of treads	:	25 cms each			
		Height of risers	:	15 cms each			
		Nos. of riser per flight	:	14 nos.		13 nos.	
		Height of handrails	:	0.65 mtr	0.70 mtr	0.75 mtr	
		Head room clearance	:	2.80 each			
		06.	No. lifts and capacity.	Nos. of lifts	:	Proposed to provide 01 no. of lift.	
Capacity of lifts	:	--					
07.	Fire extinguisher	22 nos ABC Powder extinguisher each of 04 kgs. Capacity, 02 nos water mist extinguisher of 9 ltrs capacity and 02 nos. CO2 extinguisher of 4.5 kgs capacity have been provided in the building.				Complied	
08.	First aid Hose reel hose.	Provided 10 Nos. of Hose reel hose of 19 mm size and of 30 Mtr length to reach the farthest point of each floor are provided with shut off branch having a nozzle of 05 mm size. The hose reel hose is connected at each landing by means of an adaptor.				Complied	
09.	Terrace tank over respective tower terrace.	Over head tank of 5,000 ltrs capacity have been provided.				The over head tank of 05,000 ltrs capacity should be used exclusively for Fire Fighting System.	





10.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not Provided.	Each hose reel hose system should be connected to Booster pump capable of delivering 450 LPM. Further the system should be connected to an alternative source of power supply.
11.	Escape routes	Escape route have been marked with luminous light/paint at each floor directing towards exits and emergency exits.	Complied
12.	Fire order	Fire Safety indicating the details of actions to be taken in case of emergency shall be displayed near each staircase landings with the telephone numbers of our Devanahalli Fire Station 080-27681101 and 101 numbers & telephone numbers of nearest Ambulance Services.	Complied
13.	No smoking board	Not displayed	COPTA Sec-4, direction "No Smoking area smoking here is an offence" board should be written in English & Kannada both languages shall be prominently displayed at inside the entry/exit of each floor.
14	Fire siren	A fire siren have been installed in the premises to inform the inmates in case of Fire Emergency & evacuate the area.	Complied
15	Nominate one Fire Nodal Officer	---	A Fire Nodal Officer shall be nominated either from teaching or non-teaching staff.
16.	Fire fighting training	Not imparted	40% of the Occupants should be got trained in basic fire fighting at our R.A Mundkur Fire & Emergency Services Academy, Bannerughatta road, Bangalore -560029.
17	<b><u>Fire precautionary measures :-</u></b> <ol style="list-style-type: none"> <li>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.</li> <li>Accumulation of combustible waste in and around the premises should be avoided.</li> <li>The exit ways shall be always kept clear without any obstruction.</li> <li>Liquefied petroleum gas should not be stored in the building.</li> <li>The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</li> <li>During the class hours the class room doors shall not be locked from inside to out side.</li> </ol>		



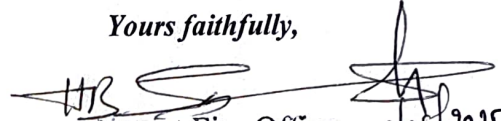
G. As per Hon'ble supreme court order all teachers and staffs shall be trained to handle safety equipment, initiate emergency evacuation and protect their students in the event of fire and other emergency and the school shall observe the Fire Safety Day on April 14<sup>th</sup> of every year by conducting Fire Safety drills with co-ordinate with fire service department.

**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.**

Under the above circumstances, Karnataka Fire & Emergency Services Department is issuing **Fire Safety Recommendation** for the educational building at **Sunrise Education and Develoment Trust@, Sunrise International School, at Sy.No.177/2, Gangavara Village, Budigere Post, Devanahalli Taluk, Bangalore Rural Dist-562129**. Subject to condition and compliance of the above recommendations as shown in Column-4 of Part-B within 3 months and compliance to the undersigned.

*"This Fire Safety Recommendation is valid for Only One Year from the date of issue and it is renewable.*

*Yours faithfully,*

  
District Fire Officer 06/05/2025  
Karnataka Fire & Emergency Services  
Fire Station, Devanahalli-562110  
Bengaluru Rural District