



**KARNATAKA STATE FIRE AND EMERGENCY SERVICES DEPARTMENT**

Office of the District Fire Officer,

Banaswadi Fire Station, Bengaluru-560043

080-22971540/22971611



No. 07/SCHOOL/FSR/DFO/BWFS/2023

Date:15-03-2023

To,

*The Principal  
New Baldwin International School,  
No.25, Dodda Banaswadi,  
Ramamurthy Nagar Main Road,  
Bengaluru-560 043.*

Sir,

Sub : Issue of 'Fire Safety Recommendation' to *New Baldwin International School*, No.25, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560 043.

Ref : Your letter, Dated: 14-03-2023.

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With reference to the subject above cited, I wish to state that the above educational building of *New Baldwin International School*, No.25, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560 043. Was inspected by me on 14-03-2023 with respect to fire prevention, fire fighting and evacuation measures maintained/ required in that building. The details as under,

**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**

(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 <b>New Baldwin International School,</b> No.25, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560 043.
02.	Name and address of the premises.	<b>New Baldwin International School,</b> No.25, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560 043.
03.	Name and address of the building owner	Sri.T.Venu Gopal The Chairman Sri Satyanarayana Educational Trust, No.74, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560 043.
04.	Number of building	01 Building
05.	Number of floors	Ground & 03 Upper floors.
06.	<b><u>Floor-wise details of occupancy:-</u></b>	
	Ground floor	01 Class room, 01 chemistry lab, 01 biology lab.
	1 <sup>st</sup> Floor	01 Physics lab, 02 class rooms.
	2 <sup>nd</sup> Floor	01 Computer lab, 01 class room.
	3 <sup>rd</sup> Floor	03 Class rooms.
07.	Height of the building	13.80 Mtrs.
08.	Site area	<b>294.40 Sq mtrs.</b>
09.	<b>Built-up area of each floor:-</b>	
	Ground floor	100.30 Sq.mtrs.
	1 <sup>st</sup> Floor	94.70 Sq.mtrs.
	2 <sup>nd</sup> Floor	100.30 Sq.mtrs.
	3 <sup>rd</sup> Floor	100.30 Sq.mtrs.
10.	<b>Total built-up area</b>	<b>395.60 Sq.mtrs.</b>



11.	Surrounding properties:-	
	East (front )	Commercial building.
	West (rear)	Asha nursing home.
	North (side)	Ramamurthy nagar main road.
	South (side)	Green park layout 1 <sup>st</sup> main road.
12.	<b><u>Set-back area available around the building :-</u></b>	
	East (front )	Nil
	West (rear)	Nil
	North (side)	Nil
	South (side)	Nil

**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	13.00 mtrs wide road located on northern side it is harden to carry 45,000 kgs.		Adequate
02.	Width of entry / exit	Building is constructed to the edge of the road level. Hence separate open entrance are not provided.		----
03.	Diesel generators.	Provided one diesel generator capacity of 30 KVA.		Complied
04.	No. of staircases available	Nos. of staircases	01	In addition of exiting staircase one more staircase of 01.50 mtrs width should be provided.
		Width of staircases	01.10 mtrs.	
		Width of treads	28 cms.	
		Height of risers	16 cms.	
		Nos. of riser per flight	14 no's.	
		Height of handrails	01.10 mtrs	



05.	Fire extinguisher	Provided 01 no. of ABC type fire extinguisher of 04 kgs capacity, 03 no's of ABC type fire extinguisher of 02 kgs capacity, 02 no's of CO2 fire extinguisher of 02 kgs capacity, 03 no's of DCP fire extinguisher of 06 kgs capacity & 01 no.of water type fire extinguisher of 09 ltrs capacity.	<p><b>In-additional to the existing fire extinguishers.</b></p> <p>Required to provide suitable type portable fire extinguishers at the building (For every 100 Sq mtrs installed 01 ABC Fire Extinguisher)</p> <p>A. One water mist &amp; CAFS extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity &amp; One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>C. One CO2 type fire extinguisher of 4.5 kgs capacity should be provided near each electrical panel board &amp; electrical room.</p>
06.	First aid Hose reel hose.	01 Hose reel hose system near each staircase. minimum 19 mm size and of adequate 30 mtrs length to reach farthest point of each floor should be provided shut off branch having nozzle of 5mm size. The hose should be connected at each landing.	Complied
07.	Terrace tank over respective tower terrace.	Provided 1000 ltrs capacity of water tank at terrace.	The system should be connected to an over head tank of 5,000 ltrs capacity.
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Provided 01 booster pump of 450 LPM capacity.	Complied



09.	Fire Siren	Not installed	A fire Siren shall be installed in the premises to inform the inmates in case of fire emergency & evacuate the area.
10.	Escape routes	Not marked	Direction in which the students have to move in the event of any emergency to be indicated in the corridor /passage on each floor to guide the evacuation. It is written in luminous paint.
11.	Fire order (Fire safety plans)	Not displayed	A notice board Have been indicated the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Banaswadi fire station i.e 080-22971540 & 101, 080-22971550/500 /600 and the telephone number of nearest ambulance service & Police station.
12.	No Smoking Board	Not displayed	COPTA Sc-4 direction No Smoking area, smoking here is an offence board should be written in Kannada & English both language shall be prominently displayed at inside the entry/exit of the floor.
13.	Fire fighting training	Not imparted	At least 40% of staff should be trained in basic fire fighting course at our R.A.Mundkur Fire and Emergency Services Training Academy, Bannerughatta Road, Bangalore-29 at an early Date or within 03 Months.



14. **Fire precautionary measures :-**

- 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.
- B. Accumulation of combustible waste in and around the premises should be avoided.
- C. The exit ways shall be always kept clear without any obstruction.
- D. Liquefied petroleum gas should not be stored in the building.
- E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.
- F. During the class hours the class room doors shall not be locked from inside to out side.

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.

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing of '**Fire Safety Recommendation**' to ***New Baldwin International School***, No.25, Dodda Banaswadi, Ramamurthy Nagar Main Road, Bengaluru-560043 subject to condition and compliance of the above recommendations in column -4 of serial – B within 3 months and compliance to the undersigned.

***This 'Fire Safety Recommendation' is issued for a period of only one year from the date of issue and is renewable.***

♣ All requirements recommended above are as per National Building Code 2016 Part4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully,



**District Fire Officer**

Karnataka State Fire and Emergency Services

Banasawadi Fire Station

Banasawadi, Bengaluru - 560043.

15/2/23