



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.111/FSR/CFO/BWZ/2021

03 -03-2021

To,

The Principal,
Bright Public School,
No. 72, Nehru Road, Kacharakanahalli,
St. Thomas Town Post,
Bengaluru 560 084.

Sir,

Sub : Issue of 'Fire safety Recommendation' to Bright Public School
No. 72, Nehru Road, Kacharakanahalli, St. Thomas Town Post,
Bengaluru

Ref: Your letter Dated 05-02-2021.

*** **

With reference to the subject above cited, the premises of Bright Public School situated at No. 72, Nehru Road, Kacharakanahalli, St. Thomas Town Post, Bengaluru was inspected by District Fire Officer, Banasawadi Fire Station on 09-02-2021 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.	:	The Principal, Bright Public School, No. 72, Nehru Road, Kacharakanahalli, St. Thomas Town Post, Bengaluru 560 084.
02.	Name and Address of the premises.	:	Bright Public School, No. 72, Nehru Road, Kacharakanahalli, St. Thomas Town Post, Bengaluru 560 084.
03.	Name & address of the building owner	:	Indian Campus, Crusade fo Church, P.B No. 8422, St. Thomas Town Post, Bengaluru.

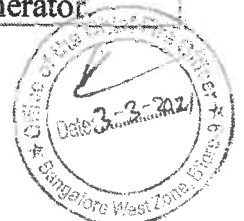


04.	Number of buildings	:	One building.
05.	Number of floors	:	Basement, Ground & 3 upper floors
06.	Floor-wise details of occupancy:-		
	Basement	:	Library, AV room, counseling room & math lab. Basement should be kept for parking purpose and other activities Library, counseling room & math lab should be shifted to any other upper floors.
	Ground floor	:	Administrative block & computer lab
	1 st floor	:	06 class rooms, staff room & lab
	2 nd floor	:	04 class rooms, staff room & lab
	3 rd floor	:	05 class rooms, staff room & lab
07.	Height of the building	:	14.20 Mtrs.
08.	Site area	:	1214.03 Sq. Mtrs
09.	Built-up area of each floor:-		
	Basement floor	:	321.40 Sq. Mtrs.
	Ground floor	:	276.40 Sq. Mtrs.
	1 st floor	:	333.33 Sq. Mtrs.
	2 nd floor	:	325.08 Sq. Mtrs.
	3 rd floor	:	325.08 Sq. Mtrs.
10.	Total built-up area	:	1581.29 Sq. Mtrs.
11.	Surrounding properties:-		
	East	:	Private property
	West	:	Private property.
	North	:	Private property.
	South	:	Nehru road
12.	Open space all around the building:-		
	East	:	01.35 mtrs
	West	:	Nil
	North	:	01.80 mtrs
	South	:	01.75 mtrs
Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.			



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 :-

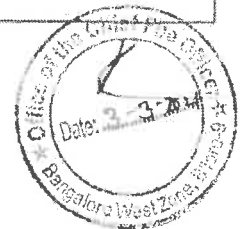
Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)																		
01.	Accessibility to the Premises	The premises is accessible from 18.00 mtrs wide Nehru road located on Southern side & it is hardened to carry the weight of water tender.	Adequate																		
02.	Number of entrances	The building is abutting from 18.00 mtrs wide Nehru road located on Southern side	Complied																		
03.	Diesel generator	One generator of 35 KVA capacity has been provided & it should be connected to alternative power supply.	Complied																		
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>:</td> <td>02</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>01.00 mtrs One of 01.30 mtrs width</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>32 Cms</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>14 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>13 nos 12 nos</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>01.20 mtrs 01.00 mtrd</td> </tr> </table>	Nos. of staircases	:	02	Width of staircases	:	01.00 mtrs One of 01.30 mtrs width	Width of treads	:	32 Cms	Height of risers	:	14 Cms	Nos. of riser per flight	:	13 nos 12 nos	Height of handrails	:	01.20 mtrs 01.00 mtrd	Complied
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05.	Portable extinguishers	13 ABC type fire extinguishers, each 05 kgs capacity & 03 nos of CO2 fire extinguisher each of 4.5 kgs capacity has been provided.	<p>A. One water mist & CAFS type fire extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p>																		



06.	Hose reel hose system	One Hose Reel Hose system have been provided. The hose reel hose of min 19 mm size with shut off branch having a nozzle of 5mm size. The hose reel hose have been connected at each landing.	Complied
07.	Terrace tank over respective tower terrace.	02 overhead syntax tanks each of 5000 ltrs capacity has been provided.	In addition of existing overhead tank one overhead tan of 5000 ltrs capacity should be provided. (The existing overhead tank should be kept exclusively for fire fighting purpose)
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	One booster pump of 450 LPM capacity has been provided	The system should be connected to an booster pump of 900 LPM. Further the system should be connected to an alternative source of power supply.
09.	Automatic sprinkler system	Not provided	Automatic sprinkler system with one sprinkler head for every 06.69 sq. mtrs should be provided in basement floor.
10.	Escape routes	Direction in which the students have to move in the event of an emergency have been displayed in the corridor on each floor during evacuation.	Complied
11.	No smoking board	COTPA 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.	Complied



12.	Fire order (Fire safety plans)	A notice board Have been indicated the action should be taken by the employees in case of any emergency have been displayed with the telephone number of Banasawadi fire station i.e 080-22971540 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.	Complied
13.	Fire fighting training	15 employees got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore	Complied
14.	<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 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 14th of every year by conducting Fire Safety drills with co-ordinate with fire service department.</p>		




Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing 'Fire Safety Recommendation' to Bright Public School situated at No. 72, Nehru Road, Kacharakannahalli, St. Thomas Town Post, Bengaluru subject to condition and compliance of the above recommendations in column -3 of serial – B within 3 months and compliance to the undersigned.

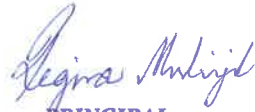
This Fire Safety Recommendation is issued for only one year from the date of issue & it is renewable.

✿ 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, Cheshadri Road,
Highground Fire Station, Bangalore - 560 009.


Jose Sam
Chairman : Bright Public School


PRINCIPAL
BRIGHT PUBLIC SCHOOL
72, Nehru Road, Kacharakannahalli
St. Thomas Town Post
Bangalore - 560 084