



Office of the District Fire Officer,
Karnataka Fire & Emergency Services,
Mahadevapura Fire Station
Garudachara Palya, Bengaluru-560 048.



No. 20/DFO/MFS/FSR/2022

Dated: 28-07-2022.

ANNEXURE – 1

Group - B Educational 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).

To,
The Principal
M/s. The Brigade School,
#09, Sy.No.35, 4th Cross,
Devasandra Industrial Area,
Mahadevapura, Whitefield Main Road,
Bengaluru-560 048.

Sir,

Sub : Issue of "Fire safety recommendation" with respect of fire prevention, fire fighting and evacuation measures required at "M/s. The Brigade School, #09, Sy.No.35, 4th Cross, Devasandra Industrial Area, Mahadevapura, Whitefield Main Road, Bengaluru-560 048" - reg.

Ref : 1) Your request letter dated: 20-07-2022.
2) Inspection report no: 01/FSTO/MFS-Bng/2022, Date: 14-07-2022.

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With reference to the subject cited above, the premises of "M/s. The Brigade School, #09, Sy.No.35, 4th Cross, Devasandra Industrial Area, Mahadevapura, Whitefield Main Road, Bengaluru-560 048" was inspected by the Fire Station Officer, Mahadevapura, Bengaluru on 21-07-2022 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

A. Details of the building / premises :-

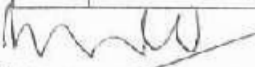
01	Name and Address of the Applicant.	:	The Principal M/s. The Brigade School #09, Sy.No.35, 4 th Cross, Devasandra Industrial Area, Mahadevapura, Whitefield Main Road, Bengaluru-560 048.
02	Name and Address of the premises.	:	M/s. The Brigade School #09, Sy.No.35, 4 th Cross, Devasandra Industrial Area, Mahadevapura, Whitefield Main Road, Bengaluru-560 048.

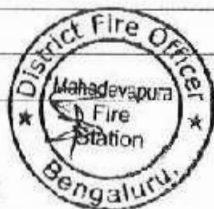
Manager - Education
The Brigade Foundation
Brigade Gateway Enclave
28/1, Railway Parallel Road,
Malleswaram West, Bangalore - 55




Principal
The Brigade School,
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03	Name and address of the Building owner	:	M/s. Brigade Enterprises Limited, World Trade Centre (29&30 th floors) Brigade Gateway Campus, No.26/1, Malleswharam- Rajajinagar, Bangalore-560 055.
04	Number of buildings	:	One Building.
05	Number of floors	:	Basement, Ground & 03 Upper floors.
06	Floor-wise details of occupancy: -		
	Basement floor	:	01 pump room, 01 parking area, 01 electrical room, 01 DG room & 01 security room.
	Ground floor	:	01 Montessori store room, 01 special education room, 01 staff room, 01 vice principal room, 01 dining area, 01 assembly area, 01 reception, 01 principal room, 01 conference room, 01 chair person room, 02 meeting rooms, 01 nib area, 01 infirmary room, 01 kitchen, 08 class rooms & 07 wash rooms.
	1 st floor	:	02 store rooms, 01 art room, 01 staff room, 01 coordinator room, 01 library, 01 computer lab, 01 electrical room, 01 activity hall, 11 class rooms, & 04 wash rooms.
	2 nd floor	:	01 biology lab, 14 class rooms, 01 physics lab, 01 dance room, 02 books room, 01 staff room, 01 coordinator room, 01 vice principal room, 01 sports room, 01 chemistry lab, 01 AB room, 01 examination room & 04 wash rooms.
	3 rd floor	:	07 class rooms & 02 wash rooms.
07	Height of the Building.	:	14.50 Mtrs.
08	Site area	:	16,189.93 sq.mtrs.
09	Built-up area of each floor: -		
	Basement floor	:	3970.00 sq.mtrs.
	Ground floor	:	3128.00 sq.mtrs.
	1 st floor	:	2841.00 sq.mtrs.
	2 nd floor	:	3029.00 sq.mtrs.
	3 rd floor	:	1637.00 sq.mtrs.


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10.	Total built up area	:	14605.00 sq.mtrs.
11	Surrounding properties: -		
	North (Front)	:	Abutting road.
	South (Rear)	:	Mahadevpura fire station.
	West (Side)	:	MLR convention centre.
	East (Side)	:	Play ground.
12	Set-back area available around the building: -		
	North (Front)	:	18.80 Mtrs.
	South (Rear)	:	06.20 Mtrs.
	West (Side)	:	Nil.
	East (Side)	:	100.00 Mtrs.

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 10.70 mtrs wide 4 th cross road located on the northern side. The road is hardened to carry the weight of 45,000 kgs.	Complied.
02.	No. of entrances	One entrance and one exit have been provided.	Complied.
03.	Width of Entry/Exit	Entrance: 6.00 mtrs. Exit: 6.00 mtrs.	Complied.
04.	Diesel generators.	125 KVA capacity generator has been provided.	Complied.
05.	No. of staircases available	Nos. of staircases : 02no.s	Complied.
		Width of staircases : 2.20 & 3.00 mtrs.	
		Width of threads : 30 cm	



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 Mahadevpura, Bangalore - 560 041

		Height of risers	:	16 cm	
		Number of risers per flight	:	11 nos.	
		Height of handrails.	:	01.00 mtrs.	
		Head room clearance	:	02.50 Mtrs.	
06.	Fire extinguisher	01nos. ABC type extinguisher of 6.0 kg capacity, 01no. Water type extinguisher of 9.0 ltrs capacity & 14no.s CO2 extinguishers each of 2 kgs capacity have been provided.			<p>In addition to the following extinguishers, on following suitable places.</p> <p>A) One water mist extinguisher of 9 ltrs capacity should be 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> <p>C) One CO2 extinguisher of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p> <p>D) One ABC type extinguisher of 6 kgs capacity should be located as to be available within 15 mtrs radius.</p>
07.	Automatic sprinkler system	Not provided.			Automatic Sprinkler system with 01 sprinkler head for every 6.96 Sq.mts should be provided at basement area.

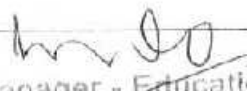



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08.	Hose reel hoses.	Not provided	Hose reel hose of 19mm size and of adequate length to reach farthest point of the floor with shut off branch having nozzle of 5mm size should be provided at stair case of the every floor.
09.	Terrace tank over respective tower terrace.	Not provided.	Terrace tank of 15,000 ltrs water capacity shall be provided. Exclusively for fire fighting.
10.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided.	Booster pump capable of delivering 900 LPM shall be provided.
11.	Escape routes	Not provided.	Escape routes and fire exit boards should be provided at appropriate places of the building shall be provided.
12.	Fire order	Not Provided.	Notice boards indicating with details to be taken by the staffs/Teachers in case of an emergency/fire has been displayed with telephone number of Mahadevapura fire station 080-28511001 & 101 Telephone numbers of nearest Police station & ambulance services shall be provided.
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




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			shall be prominently displayed at inside the entry/exit of the each floor.
14.	Fire Siren	Not Provided.	A fire siren shall be installed inside the premises to inform all the inmates in case of a fire emergency and evacuate the area.
15.	Nominate one fire Nodal officer.	Not nominated.	A fire nodal officer shall be nominated either from teaching or non teaching staff.
16.	Fire fighting training	Not provided.	40% of the staffs/Teachers shall be got trained in fire prevention, fire fighting & evacuation at R.A.Mundkur fire & emergency service Academy, Bannerghatta road, Bangalore-560 029.
17.	<p>General Fire precaution measures :-</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 be not 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 teacher and staff 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> <p>H. This Fire Safety Recommendation is issued from the fire prevention, fire fighting and evacuation measures. Karnataka State Fire & Emergency Services Department is not responsible for the ownership of the land, its location and other disputes, which may arise in due course.</p>		

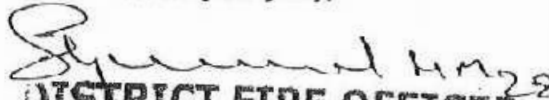



Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "M/s. The Brigade School, #09, Sy.No.35, 4th Cross, Devasandra Industrial Area, Mahadevapura, Whitefield Main Road, Bengaluru-560 048" subject to condition and compliance of the above recommendations as shown in Column-4 of Part-B within 3 months and compliance from the undersigned.


"This Fire Safety Recommendation is valid for Only One Year from the date of issue and 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,


DISTRICT FIRE OFFICER
MAHADEVAPURA FIRE STATION
BANGALORE


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