



Office of the Chief Fire Officer, Bengaluru-East Zone,
Karnataka Fire & Emergency Services,
Commissariat Road, Bengaluru-560 025.



No.1310/CFO/Bng-East/FSR/2021

Dated: 15-02-2022.

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,
Ravindra Bharathi Global School,
7th cross, 92/1, Tulasi Theatre Road,
Marathahalli, Bengaluru-560037.

Sir,

Sub : Issue of "Fire safety recommendation" with respect of fire prevention, fire fighting and evacuation measures required at "Ravindra Bharathi Global School, 7th cross, 92/1, Tulasi Theatre Road, Marathahalli, Bengaluru-560037" - reg.

Ref : 1) Your request letter dated: 12-01-2022.
2) Inspection report No: 160/DFO/MFS-BNG/FSR/2021, Dt: 03-12-2021.

<<<>>>

With reference to the subject cited above, the premises of "Ravindra Bharathi Global School, 7th cross, 92/1, Tulasi Theatre Road, Marathahalli, Bengaluru-560037" was inspected by the District Fire Officer, Mahadevapura Fire Station, Bangalore on 01-12-2021 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

Part-A. Details of the building / premises :-

01	Name and Address of the Applicant.	:	The Principal, Ravindra Bharathi Global School, 7 th cross, 92/1, Tulasi Theatre Road, Marathahalli, Bengaluru-560037.
02	Name and Address of the premises.	:	Ravindra Bharathi Global School, 7 th cross, 92/1, Tulasi Theatre Road, Marathahalli, Bengaluru-560037.
03	Name and address of the Building owner	:	Sri. V. Munireddy, Ravindra Bharathi Global School, Sy No. 92/1, 7 th cross, Tulasi Thetre Road, Marathahalli, Bengaluru-560037.
04	Number of buildings	:	01 Building.
05	Number of floors	:	Ground & 02 upper floors.
06	Floor-wise details of occupancy:-	:	



Principal,
Ravindra Bharathi Global School,
Sy No. 92/1, 7th cross,
Tulasi Theatre Road,
Marathahalli, Bengaluru-560037

	Ground floor	:	01 Staff room, 01 play Station, 10 class rooms, 01 Computer lab, 01 reception, Principal room, 01 lobby & 02 toilets (Boys & girls).
	1 st floor	:	01 Library, 01 yoga room, 01 sports room, 11 class rooms & 02 toilets. (Boys & girls).
	2 nd floor	:	01 Maths lab, 01 Science lab, 14 Class Rooms & 02 toilets. (Boys & girls).
07	Height of the building	:	09.55mtrs.
08	Site area	:	4,043.30Sq.mtrs.
09	Built-up area of each floor:-		
	Ground floor	:	950.40Sq.mtrs.
	1 st floor	:	903.20Sq.mtrs.
	2 nd floor	:	844.20Sq.mtrs.
10.	Total built-up area	:	2,697.80Sq.mtrs.
11.	Surrounding properties:-		
	West (Front)	:	09.00mtrs wide road.
	East (Rear)	:	Residential Apartments.
	North (Side)	:	Vacant land.
	South (Side)	:	School play ground & apartments.
12.	Set-back area available around the building :-		
	North(Front)	:	28.00mtrs.
	South(Rear)	:	03.00mtrs.
	West(Left)	:	06.00mtrs.
	East(Right)	:	12.00mtrs.

Part-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)
1.	Accessibility	The premise is accessible from 12.00 mtrs wide Tulasi Thetre road located on the western side. The roads are hardened to carry the weight of 45.000 kgs.	Complied.
2.	Number of entrances	01 entrance cum exit of 6.30mtrs width has been provided.	Adequate.
3.	Diesel generators	Not provided.	Suitable alternative power supply (Diesel generator) shall be provided for emergency provisions.



Principal
 Ravindra Bharathi Global School
 Tulasi Thetre Road
 Marathahalli, Bangalore-560037

10 class
-option, &

4.	Number of staircases available	Number of the staircases	02no.s	Complied.
		Width of staircases	1.50m	
		Width of treads	30cm	
		Height of risers	15cm	
		No. of risers per flight	10no.s	
		Height of handrails	1.00m	
		Head room clearance	2.80m	
5.	No. lifts and capacity	Not provided.		Not applicable.
7	Portable Fire extinguishers	04no.s ABC powder extinguishers each of 06kgs capacity have been provided.	<p>In addition to the existing extinguishers, the below mentioned extinguishers shall be provided as mentioned:</p> <p>A. One Water mist extinguisher of 9 liters capacity should be kept near each staircase landing.</p> <p>B. One Mechanical foam extinguisher of 9 liters capacity & One ABC type extinguisher of 6Kgs capacity should be provided near Diesel Generator.</p> <p>C. One CO2 Type fire extinguisher of 4.5Kgs capacity should be provided near each electrical board & electrical room.</p> <p>D. One ABC type extinguisher of 6kgs capacity should be located as to be available within 15.00mtrs radius.</p>	
6.	First aid hose reel hose	Not provided.	<p>Hose reel hose system near each staircase landing shall be provided. The hose reel hose shall be of min 19mm size and of 40.00mtrs length should be provided with shut off branch having a nozzle of 5mm size. The riser should be of 100 mm internal diameter and of G.I System "C" class pipe. The hose reel hose should be connected at each landing of by means of an adaptor.</p>	



Ravindra Bharathi Global School,
S.Y. No. 0244, 1st Cross,
Tulasi Heights, 1st Stage,
Marathahalli, Bangalore - 560 037

7.	Terrace tank over respective tower terrace	Terrace tank of 5,000litres capacity has been provided for domestic purpose only.	The system should be connected to an RCC overhead tank of 10,000Ltrs capacity. (The water tank should be kept exclusively for firefighting purpose & syntax tank should not be used).
8.	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not provided.	Recommended to provide Booster pump of capacity 450 LPM. (Further the system should be connected to an alternative source of power supply).
9.	Escape routes	Not provided.	Escape routes shall be marked at each floor to guide the students/staffs in case of any emergency.
10.	Fire order (Fire Safety plans)	Not provided.	A notice board indicating the action to be taken by the employees in case of any emergency shall be displayed with the telephone number of Mahadevapura Fire Station, i.e., 080-28511001 & 101, 22971500, 550, & 600 and the nearest Ambulance service and Police Station.
11.	No smoking board.	Not displayed.	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.
12.	Fire Fighting training	Not trained.	At least 40% of the staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerghatta Road, Bangalore -560029 / Chief Fire Officer, Zone level.
13.	<p><u>Fire precautionary measures :-</u></p> <p>A) Explosive and flammable materials should not be stores in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.</p> <p>B) Accumulation of combustible waste in and 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 stores in the building.</p>		



Principal
Ravindra Bharathi Global School
S.No. 921, 7th Cross,
Tulasi Theater Road,
Marathahalli, Bangalore 56

uld be connected
head tank o.

- 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 outside.
- G) As per Honorable 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 Fire Service department.

Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "Ravindra Bharathi Global School, 7th cross, 92/1, Tulasi Theatre Road, Marathahalli, Bengaluru-560037". subject to condition and compliance of the above recommendations in Column-4 of part-B within 3 months and obtain 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.


Principal
Ravindra Bharathi Global School
7th Cross, 92/1, Tulasi Theatre Road,
Marathahalli, Bengaluru-560037

Your faithfully,

Chief Fire Officer
Bengaluru East Zone
Bengaluru

Copy to:
The District Fire Officer,
Mahadevapura Fire Station, Bengaluru.

