

Dated: 23-11-2022.

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DISTRICT FIRE OFFICER
Anjanapura Fire Station,
BANGALORE-560 108



**Office of the District Fire Officer,
Karnataka Fire & Emergency Services,
Anjanapura Fire Station, Bengaluru.**



No.31/FSR/DFO/AFS/Bng/2022

Dated: 23-11-2022.

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.Radcliffe School Bangalore
15th Mile Stone
Gottigere village
Bannaragatta Main Road,
Bangalore-560 083

Sub: Issue of 'Fire safety recommendation Certificate to M/s.Radcliffe School
Bangalore 15th mile Stone, Gottigere Village, Banneragatta Main Road,
Bangalore-560 083. Inspection report Submitted.

Ref: 1. Your request letter dated: - 25-10-2022.
2. C.No: 120/FSO/AFS/Bng/2022; Date: 27-10-2022.

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With reference to the subject cited above, the premises of "M/s.Radcliffe School Bangalore 15th mile Stone Gottigere Village Bannaragatta Main Road, Bangalore-560 083" was inspected by FSO Anjanapura Fire Station on 31-10-2022 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.Radcliffe School Bangalore 15 th Mile Stone Gottigere village Bannaragatta Main Road, Bangalore-560 083
02	Name and Address of the premises.	:	Radcliffe School Bangalore 15 th Mile Stone Gottigere village Bannaragatta Main Road, Bangalore-560 083
03	Name and address of the Building owner	:	The Chairman, M/s.Radcliffe School Bangalore 15 th Mile Stone Gottigere village Bannaragatta Main Road, Bangalore-560 083.

04	Number of buildings	:	One Building
05	Number of floors	:	Basement, Ground & 4 upper floors.
06	<u>Floor-wise details of occupancy:-</u>		
	Lower Ground floor	:	01 Auditorium Room, 01 Activity Room, 01 Sports Room, 01 Store Room.
	Upper ground floor	:	04 Class Rooms, 01 Computer Lab, 01 Principal Room, 01 Reception area, 01 Admin And Accounts Room, Medical First Aids Room And 04 Rest Rooms
	1 st floor	:	09 Class Rooms, 02 Small Size, Room 01 Staff Room and 04 Rest Rooms.
	2 nd floor	:	09 Class Rooms, 02 Small Size, Room 01 Staff Room and 04 Rest Rooms.
	3 rd floor	:	07 Class Rooms, 02 Small Size, Room 01 Staff Room and 04 Rest Rooms.
	4 th floor	:	07 Class Rooms, 02 Small Size, Room 01 Staff Room and 04 Rest Rooms.
07	Height of the building	:	14.60 Mtrs.
08	Site area	:	83,853.00 Sq. Mtrs.
09.	Built-up area of each floor:-		
	Basement	:	557.41 Sq. Mtrs.
	Ground floor	:	557.41 Sq. Mtrs.
	1 st floor	:	557.41 Sq. Mtrs.
	2 nd floor	:	557.41 Sq. Mtrs.
	3 rd floor	:	557.41 Sq. Mtrs.
	4 th floor	:	557.41 Sq. Mtrs.
10.	Total built-up area	:	2787.0 Sq. Mtrs.
11.	Surrounding properties:-		
	West (Front)	:	Residential building
	East (Rear)	:	Banneragatta main road
	North (side)	:	Play Ground
	South (side)	:	Gottigere lake
12.	<u>Set-back area available around the building :-</u>		
	West (Front)	:	Minimum 4.00 mtrs

12.	<u>Set-back area available around the building :-</u>		
	West (Front)	:	Minimum 4.00 mtrs
	East (Rear)	:	Minimum 4.00 mtrs
	North (side)	:	Minimum 30.00 mtrs
	South (side)	:	5.00 mtrs

B. On inspection of this Industrial premises, the following fire prevention, firefighting 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	13.00mtrs wideroad located on Eastern side the road is hardened to carry the Weight of 45,000 Kgs.			Adequate
02.	Width of entry / exit	Each entrance/ exit is 5.00 mtrs has been provided.			Adequate
03.	No. of staircases available	Nos. of staircases	:	01	Complied
		Width of staircases	:	1.15 mtrs	
		Width of treads	:	35 cm	
		Height of risers	:	15 cm	
		Nos. of riser per flight	:	11	
		Height of handrails	:	0.80 mtrs	
		Head room clearance	:	3.50 mtrs	
04.	Fire extinguisher	One ABC type extinguisher of 4 kgs capacity and One CO2 extinguisher of 4.5 kgs capacity have been provided for every 100.00 Sq.mtrs.			Complied.
05.	Diesel generators.	One Suitable capacity of generator has been provided for supply alternative power for staircase lighting, corridor lighting and lifts, etc., in the event of failure of electricity supply in the building.			Complied.

06.	First aid Hose reel hose.	Hose reel hose systems near the staircases landing have been provided (one hose reel system provided for every 1,000 Sq.Mtrs. built up area) . Hose reel hose of 19 mm size and of adequate length to reach the farthest point of the floor has been provided with shut off branch having a nozzle of 5 mm size. The hose reel hose has been connected at each floor landing.	Complied.
07.	Terrace tank over respective tower terrace.	Hose reel hose system has been connected to an overhead tank of 5,000 liters capacity.	Complied.
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Hose reel hose system has been connected to a Booster pump capable of delivering 450 LPM.	Complied.
09.	Escape routes	Directions in which the Teachers/Staff/Students have to move in the event of any emergency has been displayed in the corridor on each floor during evacuation.	Complied.
10.	Fire order (Fire safety plans)	A notice board indicating the action to be taken by the school staffs/employees in Case of an emergency should be displayed along with nearest Telephone Numbers of Fire Station and telephone numbers of nearest Ambulance Service & Police station.	Complied.
11.	No smoking boards.	COPTA Sec-4, direction "No Smoking area smoking here is an offence" board has been written in English & Kannada both languages shall be prominently displayed at inside the entry/exit of each floor.	Complied.
12	Fire Siren	A fire Siren has been installed in the premises to inform the inmates in case of fire emergency & evacuate the area.	Complied.
13	Nominate one Fire Nodal Officer	One of the Teaching staff has been nominated as A Fire Nodal Officer.	Complied.
14	Fire fighting training	Not trained	At least 40% of teaching & non-teaching staff should be got trained in fire prevention And fire fighting evacuation measures at R.A.Mundkur Fire &

		Emergency Services Academy, Bannerughatta Road, Bangalore-560 029 or Regional Training center.
15	<u>Fire precautionary measures: -</u> <ul style="list-style-type: none"> 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. B) Accumulation of combustible waste in and the premises should be avoided. C) The exit ways shall be always kept clear without any obstruction. D) Liquefied petroleum gas should not be stores 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 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 be conducting Fire Safety drills with co-ordinate Fire Service department. H) This Fire Safety Recommendation is issued from the fire prevention, firefighting 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. 	

Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "M/s.Radcliffe School Bangalore 15th Mile Stone Gottigere Village Bannaragatta Main Road, Bangalore-560 083" 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
 Anjanapura Fire Station,
 BANGALORE-560 108