



Karnataka State Fire & Emergency Services

Office of the District Fire Officer
Karnataka State Fire & Emergency Services
Bidar Fire Station, Bidar-585401

Telephone:084822-26500

Office of the District Fire Officer
Karnataka Fire & Emergency Services
Fire Station, Bidar
Bidar-585401 District



C.No: 33/DFO/Bidar/2024

Date:12/03/2024

ANNEXURE-1

(Up to 14.99 mtrs. in height)

Group B Educational Building

NBC-2016, Part-4, Table 7 (11) 3. 1.3 Group B Educational Buildings Sub division BI & B2.
(These condition are indicative and not inclusive all relevant provisions related to fire and life safety «of NBC 2016 are mandatory)

To,
The principal
Sri Siddharoodh public school
Hyd. Outer Ring Road
Bidar
Tq District Bidar.

Sir,

Sub:- Issue of "Fire Safety recommendation Certificate " to Chidambarashrama Sri siddharoodh math trust Bidar." a constructed Low rise school building "Sri Siddharoodh public school Hyd. Outer Ring Road Sy. No. 23/A BidarTq District Bidar.

Ref: 1).Request Letter on Date:01/02/2024

With reference to the subject above cited I submit to state that Chidambarashrama Sri siddharoodh math trust Bidar." a constructed Low rise school building "Sri Siddharoodh public school Hyd. Outer Ring Road Sy. No. 23/A BidarTq District Bidar. was inspected by Me on 02/02/2024 for Suggesting fire prevention,fire fighting and evacuation measures. The details are as follows.

A. Details of the Building/Premises:-

01.	Name and Address of the applicant.	:	The principal Sri Siddharoodh public school Hyd. Outer Ring Road Bidar Tq District Bidar.
02.	Name and Address of the premises.	:	Sri Siddharoodh public school Hyd. Outer Ring Road Sy. No. 23/A BidarTq District Bidar.
03.	Name and Address of the Building owner.	:	The president Chidambarashrama Sri siddharoodh math trust Bidar.
04.	Number of Buildings	:	01
05.	Number of floors	:	Ground floor+02 Upper floor.

06	Floor-wise details of occupancy :-		
	Ground floor	:	08 class room, 01 rest room 01 play room 01 girls common room,
	First floor	:	10 class room 01 girls common room
	Second floor	:	10 class room, 01 girls common room,
07	Height of the building	:	11.50 mtrs
08	Site area	:	03 acre 10 gunta
09	Built-up area of each floor :-		
	Ground Floor:	:	900.75 sqmtrs
	First Floor	:	900.75 sqmtrs
	Second floor	:	900.75 sqmtrs
10	Total built-up area	:	2702.25 sqmtrs
11	Surrounding properties:-		
	East	:	Play ground
	West	:	Residence
	North(front)	:	Open plots
	South	:	Residence
12.	Set back area available around the Building:-		
	East	:	10.00 mtrs
	West	:	Nil
	North(front)	:	10.00 mtrs
	South	:	Nil
			Recommended: To provide as per Local Zonal Regulations.

B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures are recommended & are considered absolutely essential from fire safety point of view:-

Sl. No. [01]	Details [02]	Existing [03]	Recommendations [04]
01	Accessibility to Premises.	The premises is accessible from 9.00 Mtrs wide towards Northern side and the road is hardened to carry the weight of 45,000 kgs.	Adequate.
02	No of entrances.	01	Adequate.

03	No. of staircases available	No of staircase	:	02	Recommended to provide 01 more staircase with width of 1.5 mtrs & Maintain 30 cms treads & 15 cms risers with 1.00 mtrs Height handrails and the same to Existing Staircase
		Width of staircase	:	01.30 Mtr	
		Width of treads	:	30 cm	
		Height of risers	:	15 cm	
		No of riser per flight	:	10 No's	
		Hight of handrails	:	1 mtrs	
04	Fire extinguisher	Not provided			<p>01) 06no's ABC FE each of 5 kg capacity in Ground floor. 1st and 2nd floore 02 No.</p> <p>02) 06 no's CO2 FE each of 3.2 kg capacity for each computer room.</p> <p>3) One Mechanical foam extinguisher of 9 ltrs capacity should be provided near diesel generator.</p> <p>04)01 No of CO2 extinguisher of 4.5 kg capacity near the Electrical Switch board.</p> <p>05) 02 No's of sand Bucket for Electrical Switch board.</p> <p>06) Two number of Hand gloves near the Electrical Switch board.</p> <p>07) 01 No's Water Mist type extinguishers of 09 liters capacity should be kept near each staircase landing at each floor.</p> <p>8).One ABC Type fire extinguisher of 6 kgs capacity should be located as to be available within 15 Mtrs radius.</p> <p>[All the extinguishers suggested above should be with B.I.S. markings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically]</p>

05	Hose reel hose system.	Not Provided.	Recommended to provide Hose Reel Hose System near staircase.(One hose reel hose system for every 1000 Sq. Mtrs) The hose reel hose of min 19 mm size and of adequate length to reach the farthest point of each floor should be provided with shut off branch having a nozzle of 5 mm size. The hose reel hose should be connected at each landing by means of an adaptor
06	Terrace tank over respective tower terrace.	Not provided	The Hose reel Hose system should be connected to an overhead tank of 10,000 Ltrs capacity and further if basement provided the tank capacity shall be increased to 10,000 Ltrs capacity. (The water tank should be kept exclusively for fire fighting purpose) Note :If the existing building is not capable of sustaining the weight of 5,000/10,000 trs tank capacity provision shall be made to provide water tank on the side of the building with support from ground level by providing RCC column structure or MS Column structure . If there is no option to provide even the above mentioned overhead tank provision shall be made to provide UndergroundTank with submersible pump of 5-7 HP capacity.
07	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 or 5 HP Capacity. (Further the system should be connected to an alternative source of power supply)
08	Diesel generators.	Not Provided.	Diesel Generator of 15 KVA capacity should be provided to supply alternative power for


			staircase lighting, corridor lighting and lifts, etc., in the event of failure of electricity supply in the building.
09	Terrace tank.	Not Provided.	To Provide Over Head Tank of 10,000 Ltrs for Fire Fighting purpose.
10	Escape routes	Not Marked.	Direction during evacuation, in which the students have to move in the event of an emergency displayed in the corridor on each floor.
11	Fire order (Fire Safety Plans)	Not Displayed	Recommended a notice board/Fire safety plan indicating the details of actions to be taken in case of emergency shall be displayed near each staircase landings with the telephone numbers of our Bidar 08482-226500 and 101, &112 telephone numbers of nearest Ambulance Service and Police Station
12	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 language shall be prominently displayed at inside the entry/exit of the each floor.
13	Fire Siren	Not Installed	A fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
14	Nominate one fire Nodal officer	-	A fire nodal officer shall be nominated either from teaching or no teaching staff.
15	Fire fighting training.	Not Imparted	At-least 40% of School Staff should be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date.

15) Fire Precautionary Measures:

- 1) Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory and electrical cum panel premises.

- 2) Accumulation of combustible waste in and around the premises should be avoided.
- 3) The exit ways shall be always kept clear without any Obstruction.
- 4) Liquefied petroleum gas should not be stored in the building.
- 5) The doors shall not be kept locked / latched during working hours and shall be free from obstruction.
- 6) During the class hours the class room doors shall not be locked from inside to outside.
- 7) 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 14th of every year by conducting fire safety drills with co-ordinate with fire service department.

Under the circumstance stated above, there is No Objection to run education activities in your school building subject to the condition of providing additional fire fighting equipment's and fire precautionary measures shown in Part - B . Therefore, the management should comply Karnataka Fire & Emergency Services Department conditions to provide additional equipment's and then intimate to this office within 90 days positively without fail ."This Fire safety recommendation Certificate valid for Only One Year from the date of issue and is renewable without fail".

 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.


Date-12/03/2024.

Place-Bidar.

Copy To

- 1).Director General of Police and
Director General
Karnataka State Fire and Emergency Service
Bangalore-42

Yours faithfully,


12/03/24
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ಅಗ್ನಿಶಾಮಕ ಇಲಾಖೆ ಬಿದರ
ಕೆ.ಎ. ಬಿ.ಎ. ಬಿದರ