

S.No:29/DFO/Raichur/2022.

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ಅಗ್ನಿಶಾಮಕ ಅಧಿಕಾರಿಯವರ ಕಛೇರಿ
ಕರ್ನಾಟಕ ಅಗ್ನಿಶಾಮಕ ಮತ್ತು ತುರ್ತು ಸೇವೆಗಳು
ಅಗ್ನಿಶಾಮಕ ಶಾಖೆ, ರಾಯಚೂರು-584102
ದಿನಾಂಕ.....**Dated:06/09/2022.**

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 B1 & B2. (These condition are indicative and not enclusive all relevant provisions related to fire and life safety «of NBC 2016 are mandatory)

To,

The Principal
Smt .Pyari Bai Sampath Raj Kothan
CBSE School Raichur
Opp-Air Station I.B.Road Raichur
Tq-Raichur Dist-Raichur

Sir,

Sub:- Issue of "Fire Safety recommendation to" The Principal Smt .Pyari Bai Sampath Raj Kothan CBSE School MPL.No:-4-2-86/1 Raichur Opp-Air Station I.B.Road Raichur Tq-Raichur Dist-Raichur

Ref :1).S.No.05/FSO/RCR/2022 Date :-29-07-2022

2).Request Letter on Date:12/07/2022

With reference to the subject above cited, the premises The Principal Smt .Pyari Bai Sampath Raj Kothan CBSE School MPL.No:-4-2-86/1 Raichur Opp-Air Station I.B.Road Raichur Tq-Raichur Dist-Raichur. was inspected by FSO Raichur on 29/07/2022 with respect to fire prevention, fire fighting and evacuation measures to be complied premises and Submitted building details as under.

A. Details of the Building/Premises:-

01.	Name and Address of the applicant.	:	The Principal Smt .Pyari Bai Sampath Raj Kothan CBSE School MPL.No:-4-2-86/1 Raichur Opp-Air Station I.B.Road Raichur Tq- Raichur Dist-Raichur.
02.	Name and Address of the premises.	:	The Principal Smt .Pyari Bai Sampath Raj Kothan CBSE School MPL.No:-4-2-86/1 Raichur Opp-Air Station I.B.Road Raichur Tq- Raichur Dist-Raichur
03.	Name and Address of the Building owner.	:	The Principal Smt .Pyari Bai Sampath Raj Kothan CBSE School MPL.No:-4-2-86/1 Raichur Opp-Air Station I.B.Road Raichur Tq- Raichur Dist-Raichur
04.	Number of Buildings	:	01
05.	Number of floors	:	Ground+2 Upper floor.
06.	Floor-wise details of occupancy :-		
	Ground floor:	:	1).Class rooms-06 No's, 2).Laboratory room-01 No's

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Smt. Pyari Bai Sampath Raj Kothari
C.B.S.E. School, RAICHUR.

			3).Staff room-01 No's
	First floor		1).Class rooms-09 No's 2).Lecture hall -01 No's 3).Room-01 No's
	Second floor		1).Class rooms-9 No's 2).Rooms-02 No's
07	Height of the building	:	12.60 Mtr
08	Site area	:	26659.03 Sq.Mtr
09	Built-up area of each floor :-		
	Ground Floor:	:	735.87 Sq.Mtr
	First Floor	:	735.87 Sq.Mtr
	Second floor	:	673.61 Sq.Mtr
10	Total built-up area	:	2145.35 Sq.Mtr
11	Surrounding properties:-		
	East(Front)	:	Open Play Ground
	West(Rear)	:	Residential Building
	North	:	Store Room
	South	:	Independent PU College Building
12.	Set back area available around the Building:-		
	East(Front)	:	20.00 Mtrs
	West(Rear)	:	01.50 Mtrs
	North	:	02.00 Mtrs
	South	:	4.00 Mtrs
			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 30 Mtrs wide Road Western side.		Adequate.
02	No of entrances.	03 No		Open to direct entry
03	No. of staircases available	No of staircase	: 02	Recommended to provide another one staircase of width 1.50 Mtrs & should maintain to Existing staircase
		Width of staircase	: 2.30Mtr 1.30Mtr	
		Width of treads	: 30 cm 30 cm	
		Height of risers	: 15 cm 15 cm	
		No of riser per flight	: 10 Flight 10 Flight	
		Height of	: 0.90 Mtrs 0.90	

04	Fire extinguisher	handrails		Mtrs
				<p>01) 10 no's ABC FE each of 5 kg capacity in each floor.</p> <p>02) 03 no's CO2 FE each of 3.2 kg capacity for each computer room.</p> <p>04) 03 no's ABC FE each of 5 kg capacity in each Lab.</p> <p>05) 03 No of CO2 extinguisher of 4.5 kg capacity near the Electrical Switch board.</p> <p>06) 02 No's of sand Bucket for Electrical Switch board.</p> <p>07) Two number of Hand gloves near the Electrical Switch board.</p> <p>08) 02 No's Water Mist type extinguishers of 09 liters capacity should be kept near each staircase landing at each floor.</p> <p>09) 02 No Mechanical Foam FE of 9 Ltrs capacity and 01 No ABC FE of 6 kg capacity should provide near Diesel Generator.</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.		<p>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</p>

			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	<p>The Hose reel Hose system should be connected to an overhead tank of 5,000 Ltrs capacity and further if basement provided the tank capacity shall be increased to 10,000 Ltrs capacity.</p> <p>(The water tank should be kept exclusively for fire fighting purpose)</p> <p>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 Underground Tank with submersible pump of 5-7 HP capacity.</p>
07	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not Provided.	<p>Recommended to provide Booster pump of capacity 450 LPM or 5 HP Capacity.</p> <p>(Further the system should be connected to an alternative source of power supply)</p>
08	Diesel generators.	Not Provided.	<p>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</p>

09	Terrace tank.	Not Provided	building. 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 Raichur Fire Station 08532-235999 and 101, 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.

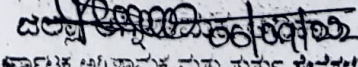
Under the circumstance stated above, there is No Objection to run education activities in your school building subject to the condition of providing additional fire fighting equipments and fire precautionary measures shown in Part - B . Therefore, the management should comply Karnataka Fire & Emergency Services Department conditions to provide additional equipments 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- 06-09-2022.

Place-Raichur.

Yours faithfully,


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ರಾಯಚೂರು-584102

Copy To

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

PRINCIPAL

Smt. Pyari Bai Sampath Raj Kothari
C.B.S.E. School, RAICHUR.