



GOVERNMENT OF KARNATAKA

C.NO.206/ADV/CFO/HBL/2021

OFFICE OF THE
CHIEF FIRE OFFICER
Karnataka State Fire and
Emergency Services,
HUBBALLI-25.

Date : 24-09-2021

To,

The Chairman
Smt Narasamma Gotyal (Atharaga)
Shikshan Samsthe ® Hanchanal P.H.
Tikota Taluk, Vijayapur District

Sir,

Sub : Issue of 'Fire safety recommendation/Advice' to Roopa International Pre-Primary School, Roopa International English Medium Primary and High School, Roopa International CBSE School, Roopadevi Science P.U. College at Sy.No.105/D/2, 105/D/3, 105/D/4, Opp Sheshanag Hotel, Solapur Bypass Hanchanal P.H., Tikota Taluk, Vijayapur District.

Ref : 1) Applicant request letter dated 23/09/2021
2) C.No.57/DFO/VJP/2021-22 Dated 24/09/2021

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With reference to the subject above cited, the premises of Roopa International Pre-Primary School, Roopa International English Medium Primary and High School, Roopa International CBSE School, Roopadevi Science P.U. College building consisting with ground floor + 2 upper floors situated Sy.No.105/D/2, 105/D/3, 105/D/4, Opp Sheshanag Hotel, Solapur Bypass Hanchanal P.H., Tikota Taluk, Vijayapur District was inspected by the District Fire Officer, Vijayapur on 23/09/2021 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

ANNEXURE-1**(Up to 14.99 mtrs. in height)****Group B Education 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)****A. Details of the building / premises :-**

01	Name and Address of the Applicant.	:	The Chairman Smt Narasamma Gotyal (Atharaga) Shikshan Samsthe ® Hanchanal P.H. Tikota Taluk, Vijayapur District
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02	Name and Address of the premises.	:	1) Roopa International Pre-Primary School, 2) Roopa International English Medium Primary and High School, 3) Roopa International CBSE School 4) Roopadevi Science P.U. College Sy.No.105/D/2, 105/D/3, 105/D/4, Opp Sheshanag Hotel, Solapur Bypass Hanchanal P.H. Tikota Taluk, Vijayapur
03	Name and address of the Building owner	:	Shri J.S.Boleganvi Vijayapur
04	Number of buildings	:	01
05	Number of floors	:	Ground Floor + 2 Upper Floors
06	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Class Room-07, Principal Room, Office Rom-02, Record Room, Waiting hall, Staff Room
	First floor	:	Class Room-07, Computer Room, Biology Lab, Physics lab
	Second floor	:	Class Room-07, Chemistry Room, Auditorium Room, Store Room.
07	Height of the building	:	12.20 Mtrs.
08	Site area	:	5199.00 Sq. Mtrs.
09	Built-up area of each floor:-		
	Ground floor	:	1290.09 Sq. Mtrs.
	First floor	:	1361.28 Sq. Mtrs.
	Second floor	:	1284.43 Sq. Mtrs.
10.	Total built-up area	:	3935.80 Sq. Mtrs.
11.	Surrounding properties:-		
	East	:	Approach Road
	West	:	Open Land
	North	:	Garden
	South	:	Hostel Building
12.	<u>Set-back area available around the building :-</u>		
	East	:	02.00 Mtrs.
	West	:	02.00 Mtrs.
	North	:	10.00 Mtrs.
	South	:	02.00 Mtrs.
	Allowed setbacks (open space) should be maintained free from further obstruction / construction		

Note : Recommended to provide and maintain setbacks as per Local ZR.



On inspection of this Educational 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 abutting by 09.00 mt wide hard surfaced road located on Eastern side.	Adequate
02.	No. of entrances	01 no. of entry & 01 no. of exit.	Adequate
03.	Width of entry / exit	Entry 03.98 mtrs. Exit 03.30 mtrs.	Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level.
04.	Diesel generators.	---	Recommended to provide diesel generator of 25 KVA capacity.
05.	No. of staircases available	Nos. of staircases : 03	Recommended to provide staircases maintaining travel distance with 22.50 mtrs. with minimum 02.00 mtrs. width, 30 mm treads width, 15 mm treads height, 1 mtr. Handrail, with minimum 02.20 head room clearance.
		Width of staircases : 01.50 mt	
		Width of treads : 30 cm	
		Height of risers : 15 cm	
		Nos. of riser per flight : 18 Steps	
		Height of handrails : 0.90 mt	
		Head room clearance : 02.90	
06.	No. lifts and capacity.	Nos. of lifts : --	N/A
		Capacity of lifts : --	
07.	Fire extinguisher	---	A. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing. B. One mechanical foam extinguisher of 9 ltrs. capacity & One ABC type extinguisher of 6 kgs. capacity should be provided near diesel generator.



			<p>C. One CO2 type fire extinguisher, of 4.5 kgs. capacity should be provided near each electrical panel board & electrical room.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.</p>
08.	Public address system	---	Recommended to provide fire control room at the entrance/security room.
09.	First aid Hose reel hose.	---	One Hose Reel Hose near the 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 shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing of each building /block/wing/ tower.
10.	Automatic sprinkler system.	---	Not required as there is no basement.
11.	Terrace tank over respective tower terrace.	Provided 02 nos. of Over Head Tank are 4000 ltrs. capacity.	Terrace tank required 10,000 ltrs. Capacity. (The water tank should be kept exclusively fire fight purpose)
12.	Pump at the terrace tank level with minimum pressure of 3.5 kg/cm ² .	---	Recommended to provide booster pump of 450 lpm capacity.
13.	Fire control room at ground floor.	---	Not required as the risk is low.
14.	Escape routes	---	Recommended to provide Direction in which the employees/ Students should have to



			move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits.
15.	Fire order	---	Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of Vijayapur fire station i.e., 08352- 270160 & 101 telephone numbers of the nearest Ambulance service & Police Station.
16.	No smoking board	---	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.
17.	Fire fighting training	---	At-least 40% of employees shall 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. And shall be submitted to this office.
18.	<p>Fire precautionary 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 combustible waste in and around the premises should be avoided.</p>		



- C. The exit ways shall be always kept clear without any obstruction.
- D. Liquefied petroleum gas should not be stored 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 Hon'ble 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 with fire service department.

The Karnataka Fire & Emergency Service Department is issued the Fire Safety recommendations in compliance to the undersigned, within 90 days.

All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.4 of Fire and Life safety will have to be complied with mandatorily.

From the above details it is clear that the 'Management' of the above Educational building have been recommended to provide fire precautionary measures as per National Building Code 2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2. After full-filling the above recommendations, a Certificate should be obtained by this office. *If at any time any of the conditions are found not complied with, this Certificate shall stand withdrawn/cancelled.*

Hence, On the report submitted by the District Fire Officer Vijayapur this recommendation certificate is issued to Roopa International Pre-Primary School, Roopa International English Medium Primary and High School, Roopa International CBSE School, Roopadevi Science P.U. College building consisting with ground floor + 2 upper floors situated Sy.No.105/D/2, 105/D/3, 105/D/4, Opp Sheshanag Hotel, Solapur Bypass Hanchanal P.H., Tikota Taluk, Vijayapur District.

This certificate is valid for a period of one year from the date of issue of this letter and is renewable.



Copy to the District Fire Officer Vijayapur.

Yours faithfully,

Samir
 CHIEF FIRE OFFICER
 Karnataka State Fire and
 Emergency Services, Hubballi Zone
 HUBBALLI-25.