

Karnataka Fire and Emergency Services Department



Office of the Chief fire officer,
Bangalore west zone, High-ground fire station premises,
Sheshadri road, Bangalore – 560 009.
080 – 22971523 / 500 / 600. Fax : 080 – 22971523.



No.168/CFO/BWZ/2020

13 -07-2020

To,

*The Secretary,
Sivaganga Education Trust,
Byadarahalli, Magadi Main road,
Vishwaneedam Post, Bengaluru.*

Sir,

Sub : Issue of 'Fire safety Recommendation' to *Shiksha International Academy* at Site No. 107, Sy. No. 10/1, Khatha No. 350, Ward No. 40, Hosahalli, Gollaraplya, Magadi Main Road, Bengaluru.

Ref: Your letter Dated 23-03-2020.

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With reference to the subject above cited, the premises of *Shiksha International Academy* situated at Site No. 107, Sy. No. 10/1, Khatha No. 350, Ward No. 40, Hosahalli, Gollaraplya, Magadi Main Road, Bengaluru was inspected by District Fire Officer, Sunkadakatte Fire Station on 16-06-2020 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-B

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.	:	<i>Smt B.M Lakshmi, The Secretary, Sivaganga Education Trust, Byadarahalli, Magadi Main road, Vishwaneedam Post, Bengaluru.</i>
02.	Name and Address of the premises.	:	<i>Shiksha International Academy Site No. 107, Sy. No. 10/1, Khatha No. 350, Ward No. 40, Hosahalli, Gollaraplya, Magadi Main Road, Bengaluru</i>



03.	Name & address of the building owner	:	<i>Smt C. Meghashree, No. 254, 3rd Block, 2nd Main, 2nd Cross, Nagarabhavi, Bengaluru.</i>
04.	Number of buildings	:	One building.
05.	Number of floors	:	Ground & 03 upper floors
06.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Watch man room, toilets & vehicle parking
	1 st floor	:	Office room, 04 class rooms & play room
	2 nd floor	:	04 class rooms, computer lab, Library
	3 rd floor	:	03 class rooms, toilets rooms.
07.	Height of the building	:	13.45 Mtrs.
08.	Site area	:	731.52 Sq. mtrs
09.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	557.78 Sq. mtrs
	1 st floor	:	557.78 Sq. mtrs
	2 nd floor	:	557.78 Sq. mtrs
	3 rd floor	:	557.78 Sq. mtrs
10.	Total built-up area	:	2231.12 Sq. mtrs
11.	<u>Surrounding properties:-</u>		
	East	:	School play ground and parking
	West	:	10.00 mtrs wide road nad residential building
	North	:	Residnetial and 05.20 mtrs wide road
	South	:	School premises.

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 :-

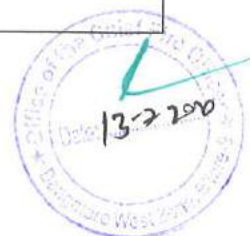
Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the Premises	The premises is accessible from 10.00 mtrs wide road located on western side.	Adequate



02.	Number of entrances	One entry & one exit each of 05.20 mtrs width has been provided.		Complied
03.	Diesel generator	Not provided		One adequate capacity of generator should be provided & it should be Further connected fixed fire fighting systems.
04.	Number of staircase	Nos. of staircases	: 01	One external staircase of 01.50 mtrs width should be provided.
		Width of staircases	: 01.05 mtrs	
		Width of treads	: 29 Cms	
		Height of risers	: 15 Cms	
		Nos. of riser per flight	: 14 Nos	
		Height of handrails	: 01.00 Mtrs	
05.	Portable extinguishers	03 nos of ABC type fire extinguishers, each of 06 kgs capacity has been provided.		<p>In-additional to the existing fire extinguishers</p> <p>A. One water mist & CAFS extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p>



			D. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 should be provided.
06.	Hose reel hose system	Not provided	One Hose Reel Hose near each staircase. 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.
07.	Terrace tank over respective tower terrace.	Not provided	The system should be connected to an over head tank of 10,000 ltrs capacity.
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm^2 .	Not provided	The system should be connected to an booster pump of 450LPM. Further the system should be connected to an alternative source of power supply.
09.	Escape routes	Direction in which the students have to move in the event of an emergency has been displayed in the corridor on each floor during evacuation.	Complied



10.	Fire order (Fire safety plans)	A notice board Have been indicated the action should be taken by the employees in case of any emergency has been displayed with the telephone number of Sunkadakatte fire station i.e 080 -28434101 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.	Complied
11.	No smoking board	Not displayed	COTPA Sec-4 directin 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 imparted	At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore



13. **Fire precautionary measures :-**


- 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.
- B. Accumulation of combustible waste in and around the premises should be avoided.
- 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 out side.
- 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.

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to ***Shiksha International Academy*** situated at Site No. 107, Sy. No. 10/1, Khatha No. 350, Ward No. 40, Hosahalli, Gollaraplya, Magadi Main Road, Bengaluru subject to condition and compliance of the above recommendations in column -4 of serial – B within 3 months and compliance to the undersigned.

This '**Fire Safety Recommendation**' is issued for a period of only one year from the date of issue and 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


 Chief Fire Officer
 Bangalore West, Sheshadri Road,
 Highground Fire Station Premises,
 Bangalore - 560 009.