



Karnataka State Fire And Emergency Services Department
Office of the District fire officer
Karnataka state fire and Emergency Services
Raichur Fire station, Raichur 584102, Telephone:08532-235999

C.NO: 45 / FSR/DFO/RCR/2024

Date: 7 / 6 /2024

Fire Safety Recommendation

ANNEXURE-I

Group-B Educational Building

“B1 And B2- Schools Up to Senior Secondary Level and other institutions”

NBC-2016, Part-4, Table 7 (11) 3. 1. 3 Group-B Educational Buildings

To,

The Principal

***Ekalavya Model Residential School
(Academic Block) At-Kottadoddi Village
Taluk: Arakera Dist:Raichur-584111.***

Sir/Madam,

Sub:- Inspection Report Submitted for Issue of “Fire Safety Recommendation” to The Principal “***Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village*** Taluk:Arakera, Dist:Raichur-584111.

Ref: 1). No:01/FSR/FSO/AFS/2024 Dated: 25/5/2024.
2). Applicant Request Letter on Dated: 09/5/2024.

With reference to the subject above cited, the premises of “***Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village, Taluk:Arakera, Dist:Raichur-584111.*** was inspected by FSO Arakera on Dated:25/05/2024 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 Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village Taluk: Arakera Dist:Raichur-584111.
02.	Name and Address of the premises.	:	<i>Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village Taluk: Arakera Dist:Raichur-584111.</i>
03.	Name and Address of the Building owner.	:	The Principal Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village Taluk: Arakera Dist:Raichur-584111.
04.	Number of Buildings	:	01 No.
05.	Number of floor	:	Ground+1 Upper floor.
06	Floor-wise details of occupancy :-		
	Ground Floor	:	Class Room-06 No's, Principal Room-01 No, Staff Room-03 No's, Sports Room-01 No, Chemistry Lab-01 No, IT Lab-01 No, Medical Room-01 No, Store Room-01 No.

		First Floor	:	Class Room-05, Staff Room-01 No, Composite Lab-01 No ATL Lab-01 No, Library Room-01 No, Biology And Physics Lab-01 No.
07	Height of the building		:	8.20 Mtr.
08	Site area		:	5.20 Acre
09	Built-up area of each floor :-			
		Ground Floor	:	944.00 Sq.Mtr.
		First Floor	:	944.00 Sq.Mtr.
10		Total built-up area	:	1888.00 Sq.Mtr.
11	Surrounding properties:-			
		East (Front)	:	Others Agriculture Land.
		West	:	Others Agriculture Land.
		North	:	6.00 Mtr Service Road.
		South	:	Others Agriculture Land.
12.	Set back area available around the Building:-			
		East	:	3.00 Mtr. & Than Open Ground.
		West	:	3.00 Mtr.
		North	:	3.00 Mtr. & Than Open Ground.
		South	:	2.00 Mtr.

B. On inspection of this Institutional premises, the following fire prevention, fire fighting and evacuation measures 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 6.00 Mtrs wide Road On Northern Side.	Adequate.
02	No of entrances.	01 No	-----
03	No. of staircases available	No of staircase : 01 No	-----
		Width of staircase : 1.44 Mtr.	
		Width of treads : 30 CM	
		Height of risers : 15 CM	
		No of riser per flight : 11 No's.	
		Height of handrails : 0.95 Mtrs	
		Head room clearance : 4.00 Mtr.	
04	Portable Extinguisher	Not Provided.	<p>Recommended To Provide</p> <p>01. 01 No ABC Fire Extinguisher each of 6 kg capacity Should be Located as Available Within 15 Mtrs Radius. in each floor.</p> <p>02. 01 No of CO2 Fire Extinguisher</p>

			<p>of 4.5 kg capacity Should be Provided near each Electrical Panel Board And Electrical Room. Switch board.</p> <p>03.01 Mechanical Foam Extinguishers of 09 ltrs Capacity and 01 ABC type Extinguishers of 6 kg capacity should be provided near diesel Generator.</p> <p>04. 01 DCP Extinguishers of 4 kgs Capacity Should be provided in The Classroom if Provided for the Purpose Of mid day meal [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	First aid Hose reel hose.	Not Provided.	<p>Recommended To Provide</p> <p>01 No of Hose reel hose Near the Staircase For each Floor (one hose Reel hose System for every 1000 Sq Mtrs) The hose Reel of min 19 mm size and of adequate length(30 Mtrs Length) to reach the farthest each floor it should be provide with set of branch having 5 mm Nozzle. The hose reel hose should be connected at Landing.</p>
06	Terrace tank over the respective tower terrace.	Not provided	<p>Recommended To Provide</p> <p>The Hose reel hose System Should Be connected An Over Tank of 10,000 Ltr water Capacity. (The Water Tank Should Be Kept Exclusively Fire Fighting Purpose).</p>
07	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not Provided.	<p>Recommended To Provide</p> <p>Provide 01 No of booster pump of 450 LPM Further The system should be connected to an Alternative source of Power supply.</p>
08	Diesel Generators	Not Provided.	<p>Recommended To Provide</p> <p>Diesel generator of 15 KVA capacity should be provided to alternative power supply. generator supply.</p>
09	Escape routes	Not Marked.	<p>Recommended To Provide</p> <p>Direction in which the students have to move in the event of an emergency should be displayed in the corridor in each floor during evacuation.</p>
10	Fire order (Fire Safety Plans)	Not Displayed	<p>Recommended To Provide</p> <p>The Notice board have been indited</p>

			the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Arakera Fire Station i.e-08532-235999 and the telephone number of nearest Ambulance services and Police Station.
11	No Smoking Board	Not Displayed	Recommended To Provide As per sec-4 of COPTA a board with words NO SMOKING AREA shall be written in English & Kannada both language shall be prominently displayed at inside the entry /exit of the each floor.
12	Fire Siren	Not Installed	Recommended To Provide A Fire Siren shall installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
13	Nominate one Fire Nodal Officer	----	Recommended To Provide A fire nodal officer shall be nominated either from teaching or non teaching staff.
14	Nominate Fire Fighting Training	Not Imparted	Recommended To Provide 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:-	<ul style="list-style-type: none"> A. Explosive and Flammable Materials Should Not be Stored in the Store Room, UPS Room Electrical Panel Area, Class Rooms, Laboratory And Electrical Some 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 kept Locked/ Latched during working hours and shall be free from obstruction. F. During the class hours in 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 by Conducting Fire Safety Drills with Co-ordinate with fire service Department. 	

Under the Circumstance stated the Karnataka Fire & Emergency Service Department is issuing "Fire Safety Recommendation" to "Ekalavya Model Residential School (Academic Block) At-Kottadoddi Village Taluk:Arakera, Dist:Raichur-584111..subject to the condition and Compliance of the above Recommendation in column-4 of serial B within 3 Months and Compliance to the undersigned. This Fire Safety Recommendation Certificate Valid for Only One Year From The date of issue and renewable without fail".

All Requirements Recommended above are as per National Building Code-2016 Part-4 Clause3.1.3 of Fire And Life Safety Will have to be complied With Mandatorily.

Your's faithfully