



Karnataka Fire & Emergency Services,
Office of the District Fire Officer
Yelahanka Fire Station, Nitte Minakshi College Road,
Vadeyarapura, Bagaluru Cross, Yelahanka, Bengaluru-64



No.82 /DFO/YLFS/2023

Dated: 05-01-2024

To

THE PRINCIPAL
KESAR The International School
Sy. No.6/5 & 6/6, Hosahalli,
Vidyanagara Road
Bengaluru North-562157

Sir,

Sub: Issue of "Fire safety recommendation" in Fire Fighting point of view for the **KESAR The International School, Sy. No.6/5 & 6/6, Hosahalli, Vidyanagara, Bengaluru North-562157**

Ref: Your request letter Dated: 20-12-2023

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With reference to the subject cited above, the premises **KESAR The International School, Sy. No.6/5 & 6/6, Hosahalli, Vidyanagara, Bengaluru North-562157**. was inspected by District Fire Officer, Yelahanka Fire Station on 21-12-2023 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises. The details are as under:-

Part-A. Details of the building / premises :-

01	Name and Address of the Applicant.	:	The Principal KESAR The International School Sy. No.6/5 & 6/6, Hosahalli, Vidyanagara Road Bengaluru North-562157
02	Name and Address of the premises.	:	Principal KESAR The International School Sy. No.6/5 & 6/6, Hosahalli, Vidyanagara Road Bengaluru North-562157
03	Name and address of the Building owner	:	President Sri SB Pupils Educational Trust
04	Number of buildings	:	Single Building.



05	Number of floors	:	Ground and 03 upper floors only.
06	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Admin block, Class room – 05 no, Principal room, 01- office, 01-playroom
	1 st floor	:	Class room – 06 no, Computer room,
	2 nd Floor	:	Class room – 07 no
	3 rd floor	:	01-Liabrary, 01-Auditorium, 01- science lab, 01- Maths lab, 01-Music room
07	Height of the building	:	13.00 Mtrs.
08	Site area	:	2074.00 Sq.Mtrs.
09.	<u>Built-up area of each floor:-</u>		
	Ground Floor	:	578.12 Sq. Mtrs.
	1 st Floor	:	578.12 Sq. Mtrs.
	2 nd Floor	:	578.12 Sq. Mtrs.
	3 rd floor	:	578.12 Sq. Mtrs.
10.	Total built-up area	:	2312.48 Sq. Mtrs.
11.	<u>Surrounding properties:-</u>		
	East (Front)	:	Vidyanagara main road
	West (Rear)	:	Vacant land belongs to occupant
	South (Side)	:	Vacant land belongs to occupant
	North (Side)	:	Vacant land belongs to occupant
12.	<u>Set-back area available around the building :-</u>		
	East (Front)	:	Nil
	West (Rear)	:	Vacant land belongs to occupant
	South (Side)	:	Vacant land belongs to occupant
	North (Side)	:	Vacant land belongs to occupant
Allowed setbacks (open space) should be maintained free from further obstructions / constructions.			

Part-B. On inspection of this School/college 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)
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01.	Accessibility to the premises	The premises is accessible from 12.00 mtrs vidyanagara main road located on Eastern side.		Complied.
02.	No. of entrances	One enrty and Exit of 04.50 mtrs width has been provided.		Complied
03.	No. of staircases/ lifts available	Nos. of staircases	: 02 nos.	Complied
		Width of staircases	: 01.80 mtrs.	
		Width of treads	: 30 cms.	
		Height of risers	: 15 cms.	
		Nos. of riser per flight	: 14 Nos.	
		Height of handrails	: 1.00 mtrs.	
		Head room clearance	: 02.80 mtrs.	
		Ramp	01 No	
	Width of Ramp	1.20 mtrs		
04.	Fire extinguisher	Not provided		<p>The following extinguishers, should be provided in the building</p> <p>A) One water mist extinguisher of 9 ltrs capacity should be 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 extinguisher of 4.5 kgs capacity should be provided near each electrical panel board &</p>



			electrical room. D) One ABC type extinguisher of 6 kgs capacity should be located as to be available within 15 mtrs radius.
05.	Diesel generators.	Not Provided.	Diesel generator of 15 KVA Capacity should be provided to supply alternative power supply.
06.	First aid Hose reel hose.	Not Provided.	One Hose reel hose system near each staircase of the blocks should be provided(one hose reel system should be provided for every 1,000 Sq.Mtrs. on each floor). Hose pipe of 100 mm dia GI 'C' class pipe & Hose reel hose of 19 mm size and of adequate length to reach the farthest point of the floor should be provided with shut off branch having a nozzle of 5 mm size. The hose reel hose should be connected at each floor landing.
07.	Terrace tank over respective tower terrace.	Not Provided.	Hose reel hose system should be connected to an overhead tank of 5,000 liters capacity exclusively for fire fighting purpose. Note: If the existing building is not capable of sustaining the weight of 5,000 litres tank capacity, provision shall be made to provide water tank on the side of the building with support from the ground level by providing RCC column structure or MS column structure.



			If there is no options to provide even the above mentioned overhead tank provision shall be made to provide underground water tank of capacity with submersible pump of 5-7 HP capacity.
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not Provided.	Each hose reel hose system should be connected to Booster pump capable of delivering 450 LPM. Further the system should be connected to an alternative source of power supply.
09.	Automatic sprinkler system	Not provided	Not required
10.	Escape routes	Not marked	Directions in which the Teachers/Staff/Students have to move in the event of any emergency should be displayed in the corridor on each floor during evacuation.
11.	Fire order (fire safety plans)	Not displayed	A notice board indicating the action to be taken by the school staffs/employees in Case of an emergency should be displayed along with Telephone Numbers of Yelahanka Fire Station i.e. 080-29733407 & 101, 080-22971500/550/600 and telephone numbers of nearest Ambulance Service & 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 languages shall be prominently displayed at inside the entry/exit of each floor.
13.	Fire Siren	Not installed	A fire Siren shall be installed in the premises to inform the inmates in case of fire emergency & evacuate the area.
14.	Nominate one Fire Nodal Officer	---	A Fire Nodal Officer shall be nominated either from teaching or non-teaching staff.
15.	Fire fighting training	Not trained	At least 40% of teaching & non teaching staff should be got trained in fire prevention And fire fighting evacuation measures at R.A.Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore-560029 or Regional Training center.
16.	<p><u>Fire precautionary measures :-</u></p> <p>A) Explosive and flammable materials should not be stores in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.</p> <p>B) Accumulation of combustibile waste in and the premises should be avoided.</p> <p>C) The exit ways shall be always kept clear without any obstruction.</p> <p>D) Liquefied petroleum gas should not be stores in the building.</p> <p>E) The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F) During the class hours the class room doors shall not be locked from inside to outside.</p> <p>G) As per Honourable 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 be conducting Fire Safety drills with co-ordinate Fire Service department.</p>		



Under the above circumstances, Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to **KESAR The International School, Sy.No.6/5 & 6/6, Hosahalli, Vidyanagara, Bengaluru North-562157**. Subject to condition and compliance of the above recommendations as shown in Column-4 of Part-B within 3 months and compliance to the undersigned.

“This Fire Safety Recommendation is valid for Only One Year from the date of issue and it 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


District Fire Officer
Karnataka Fire & Emergency Services
Yelahanka (Jakkur) Fire Station
Bangalore-560 064