



OFFICE OF THE DISTRICT FIRE OFFICER,
KARNATAKA FIRE & EMERGENCY SERVICES,
ANJANPURA FIRE STATION, BENGALURU-560 108.



C.No:20/DFO/AFS/BLR/FSR-33/2024

dated: 05-04-2024

ANNEXURE-B

Group –B Educational Buildings

To,
The Authorized Signatory,
Kariyappa Kumbanna Educational & Charitable Trust ®
No. 10, KK Arcade, Channasandra,
Rajarajeshwari Nagar,
Bengaluru – 560098.

Sir,

Sub Issue of 'Fire Safety Recommendation Report' to "M/s Kariyappa Kumbanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560 098."

Ref Your Request letter dated: 01-04-2024

With reference to the subject cited above, the premises "M/s Kariyappa Kumbanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560 098." was inspected by me on 03-04-2024 with respect to fire prevention, firefighting and evacuation measures to be complied in the above premises and has submitted the details as under.

A. Details of the Building/premises.

1.	Name and address of the applicant	: The Authorized Signatory, Kariyappa Kumbanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560098.
2.	Name and address of the premises.	: Kariyappa Kumbanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560098.



3.	Name and address of the building owner	:	The Authorized Signatory, Kariyappa Kumbanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560098.
4.	Number of Buildings	:	01 Building.
5.	Number of floors	:	Basement, Ground & 03 upper floor.
6.	Floor wise details of occupancy		
	Basement Floor	:	Parking Area And Store Room.
	Ground Floor	:	Principal Room, Reception, Computer and Clerk room, Class rooms, Toilet Rooms.
	1 st Floor	:	Lab, Staff Room, Physics Lab, Class rooms, Composite Lab & Toilet rooms
	2 nd Floor	:	Library, Chemistry Lab, Staff room, Maths Lab, Class room, Library, Toilet rooms.
	3 rd Floor	:	Class Rooms, Staff room, and Toilet rooms.
7.	Height of the Buildings.	:	14.80 mtrs.
8.	Site area	:	64.89 Sq. Mtrs.
9.	Built-up area of each floor:-		
	Basement Floor	:	542.16 Sq. Mtrs
	Ground Floor	:	542.16 Sq. Mtrs
	1 st Floor	:	542.16 Sq. Mtrs
	2 nd Floor	:	542.16 Sq. Mtrs
	3 rd Floor	:	542.16 Sq. Mtrs
10.	Total built-up area	:	2710.80 Sq. Mtrs.
11.	Surroundings of the Property:-		
	North (Front)	:	Main road.
	South (Rear)	:	Private property
	East (Side)	:	Private property
	West (Side)	:	Private property
12.	<u>Set-back area available around the building :-</u>		
	North (Front)	:	01.00 Mtrs.
	South (Rear)	:	01.00 Mtrs.
	East (Side)	:	01.00 Mtrs.
	West (Side)	:	01.00 Mtrs.



3.	Name and address of the building owner	:	The Authorized Signatory, Kariyappa Kumabanna Educational & Charitable Trust ® No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru – 560098
4.	Number of Buildings	:	01 Building.
5.	Number of floors	:	Ground & 04 upper floor.
6.	Floor wise details of occupancy		
	Ground Floor	:	Principal Room, Reception, Computer and Clerk room, Class rooms, Toilet Rooms.
	1 st Floor	:	Staff Room, Physics Lab, Class rooms, Composite Lab & Toilet rooms
	2 nd Floor	:	Chemistry Lab, Computer Lab, Staff room, Maths Lab, Class room, Library Toilet rooms.
	3 rd Floor	:	Class Rooms, Staff room and Toilet rooms.
	4 th Floor	:	Class Rooms, Staff room, and Toilet rooms.
7.	Height of the Buildings.	:	14.80 mtrs.
8.	Site area	:	64.89 Sq. Mtrs.
9.	Built-up area of each floor:-		
	Ground Floor	:	634.057 Sq. Mtrs
	1 st Floor	:	634.057 Sq. Mtrs
	2 nd Floor	:	634.057 Sq. Mtrs
	3 rd Floor	:	634.057 Sq. Mtrs
	4 th Floor	:	634.057 Sq. Mtrs
10.	Total built-up area	:	3170.31 Sq. Mtrs
11.	Surroundings of the Property:-		
	North (Front)	:	Main road.
	South (Rear)	:	Private Property
	East (Side)	:	Private Property
	West (Side)	:	Private Property
12.	<u>Set-back area available around the building:-</u>		
	North (Front)	:	01.00 Mtrs.
	South (Rear)	:	01.00 Mtrs.
	East (Side)	:	01.00 Mtrs.
	West (Side)	:	01.00 Mtrs.



B. On inspection of the school building premises, the following fire prevention, fire Fighting and Evacuation measures are recommended considered absolutely essential from fire safety point of view:-

c.no (01)	Detail (02)	Existing (03)		Recommendations (04)
1.	Accessibility	Accessible from 12.00 Mtrs. wide main road located on the northern side it's hard enough to carry the weight of 45,000 kgs.		Adequate.
2.	Number of entrances	One entrance of 06.00 mtrs. width has been provided		Complied.
3.	Number of staircases available	Number of the staircases	01 No.	Complied.
		Width of staircases	1.50 mtrs	
		Width of treads	30 cms	
		Height of risers	14 cms.	
		No. of risers per flight	10 No's	
		Height of handrails	01.00 mtrs	
		Head room clearance	2.70 mtrs.	
4.	Portable extinguishers	<p>A. One water mist extinguisher of 9 ltrs capacity has 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 has be provided near diesel generator.</p> <p>C. One CO₂ type fire extinguisher, of 4.5 kgs capacity has be provided near each electrical panel board & electrical room.</p> <p>D. 06 No's ABC type fire extinguisher of 06 kgs capacity has be located each floor.</p>		Complied
5.	Hose reel hose system	01 No of Hose Reel Hoses near the staircase (One hose reel hose system for every 1000 Sq. mtrs) . The hose reel hose of min 19 mm size and of 30.00 mtrs length has be provided to reach the farthest point of each floor and shut off branch having a nozzle of 5mm size. The hose reel hose has been connected at each landing.		Complied



6.	Automatic sprinkler system	The automatic sprinkler system with one sprinkler head for every 6.96 Sq. mtrs. heads has been provided for basement floor.	Complied
7.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	The hose reel hose & Automatic sprinkler systems has been connected to a booster pump capable of delivering 900 LPM. (Further the system has been connected to an alternative source of power supply.)	Complied
8.	Diesel generator	Diesel generator of 42.5 KVA Capacity has been provided to supply alternative power supply.	Complied
9.	Terrace tank	The system has been connected to an overhead tank of 10,000 ltrs capacity.	Complied
10.	Escape routes	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.	Complied
11.	Fire order (Fire safety plans)	Notice boards, indicating with the details of action to be taken by the Staff/Students in case of an emergency/Fire has been displayed each floor with telephone numbers of Central Fire Control Room i.e. 22971500, 22971550 22971600 & 101 & 112 and of nearby Ambulance Service.	Complied
12.	No smoking board	COTPA Sec-4 direction No Smoking area smoking here is an offence board should be written in English & Kannada both language has been prominently displayed inside the entry / exit of the each floor.	Complied
13.	Fire Siren	A Fire Siren has been installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.	Complied
14.	Nominate one Fire Nodal Officer	One of the Teacher has been appointed as a fire nodal officer shall be nominated either from teaching or non-teaching staff.	Complied



15.	Firefighting training	Not trained	At least 40% of Teaching and non-Teaching staff should be got trained in basic firefighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore or Regional Training centre
16.	<p><u>Fire precautionary measures :-</u></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 combustibile waste in and around 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 stored 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>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.</p>		

Under the above circumstances the Karnataka Fire & Emergency Services Department is issuing 'Fire Safety Recommendation Report' to "M/s Kariyappa Kumbanna Educational & Charitable Trust @ No. 10, KK Arcade, Channasandra, Rajarajeshwari Nagar, Bengaluru - 560 098." Subject to condition and compliance of the above recommendations as shown in column-4 of Part-B within 3 months and compliance from 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 3.1.4 of Fire and Life safety will have to be complied with mandatorily.**



Yours faithfully,

DISTRICT FIRE OFFICER 05/24
Anjanapura Fire Station,
BANGALORE-560 108

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support effective decision-making.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and reporting, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data security, privacy, and integration. It provides strategies to mitigate these risks and ensure the integrity of the organization's data.

5. The fifth part of the document discusses the importance of data governance and the establishment of clear policies and procedures. It stresses that a strong data governance framework is essential for maximizing the value of data while minimizing associated risks.

6. The sixth part of the document concludes by summarizing the key findings and recommendations. It reiterates the need for a comprehensive and integrated approach to data management to achieve the organization's strategic objectives.

The document also includes several tables and figures that provide a detailed overview of the data collection and analysis processes. These visual aids help to illustrate the complexity of the data and the various steps involved in its management. The tables show the flow of data from collection to analysis, and the figures provide a visual representation of the data trends and patterns. Overall, the document provides a thorough and comprehensive overview of the data management process, from collection to analysis and reporting.

In conclusion, the document emphasizes the importance of data in driving organizational success. It provides a clear and concise overview of the data management process, highlighting the key challenges and opportunities. By following the recommendations and best practices outlined in the document, organizations can ensure that their data is accurate, secure, and effectively used to support their strategic goals.

The document is a valuable resource for anyone involved in data management, providing a comprehensive overview of the process and the various tools and techniques used. It is a must-read for anyone looking to improve their data management practices and maximize the value of their data.

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