



GOVERNMENT OF KARNATAKA
Karnataka State Fire and Emergency Service
District Fire Office, Fire Station Gadag-582101,
Email.ID- dfogadag@gmail.com

CR:86:DFO:Gadag:2023.

Date:30-08-2023.

Fire Safety Recommendation/Advice Certificate

Sub : Issue of '**Fire safety recommendation/Advice**' to K.L.E. Society's School (CBSE) J.T.College Campus, Gadag, Tq: Gadag , Dt:Gadag.

Ref : 1) C No:86:GDG:FS:GDG:2023. Dated: 10-08-2023.
2) No.GBC(2)044/2020-21 dated 21-06-2022.

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With reference to the above cited subject, the premises of K.L.E. Society's School (CBSE) only situated at Gadag, Tq: Gadag Dt: Gadag. Was inspected by me on 23-08-2023 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.	:	Principal K.L.E.Society,s School (CBSE) J.T.College Campus Gadag, Tq: Gadag , Dt:Gadag.
02	Name and Address of the premises.	:	K.L.E.Society,s School (CBSE) J.T.College, Campus Gadag, Tq: Gadag , Dt:Gadag.
03	Name and address of the Building owner	:	President, Karnataka Lingyata Education Society Belgum
04	Number of buildings	:	01 Building
05	Number of floors	:	Ground + 03 Upper Floors
06	<u>Floor-wise details of occupancy:-</u>		
	Ground Floor	:	15 Class Room, 03 Store Room, 01 Office Room, 02 Staff Room, 01 Lab Room , 01 Hall,
	First Floor	:	15 Class Room, 03 Store Room, 02 Staff Room, 01 Lab Room , 01 Hall,01 Computer Lab,
	Second Floor	:	15 Class Room, 03 Store Room, 02 Staff

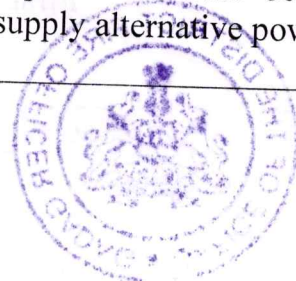



			Room, 01 Lab Room , 01 Hall, 01 Music Room,
	Third Floor		15 Class Room, 03 Store Room, 02 Staff Room, 01 Lab Room , 01 Hall, 01 Library Room ,
07	Height of the building	:	14.90 mtrs
08	Site area	:	6.70 Acre
09	Built-up area of each floor:-		
	Ground Floor	:	2784.86 SQM
	First Floor	:	2784.86 SQM
	Second Floor	:	2784.86 SQM
	Third Floor	:	2784.86 SQM
10.	Total built-up area	:	11139.44 SQM.
11.	Surrounding properties:-		
	East	:	Approach Road
	West	:	Road
	North	:	Play Ground
	South	:	Hathalageri Road
12.	Set-back area available around the building :-		
	Side (North)	:	More than 05.00 Mtrs
	Side (South)	:	01 Mtrs
	Front (East)	:	More than 10.00 Mtrs
	Rear (West)	:	More than 05.00 Mtrs
	Allowed setbacks (open space) should be maintained free from further obstruction / construction		

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

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 premise is abutting by 09.00 mtrs. Wide hard surfaced road located on Eastern side.	Adequate
02.	No. of entrances	One Entrance and 01 Exit Width of	Adequate
03.	Diesel Generators	Not Provided.	Diesel generator of 15 KVA capacities should be provided to supply alternative power supply.



04.	No. of staircases available	Nos. of staircases	:	01	02	03	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	:	2.06 mtrs	2.12 mtrs	1.83 mtrs	
		Width of treads	:	30 cm	30 cm	27 cm	
		Height of risers	:	17 cm	10 cm	14 cm	
		Nos. of riser per flight	:	11	09	09	
		Height of handrails	:	1.08 mtrs	1.04 cm	1.10 cm	
		Head Room Clearance	:	3.22 mtrs	3.07 mtrs	3.40 mtrs	
05.	Portable extinguisher	Not Provided				<p>A. One CO2 type fire extinguisher, of 4.5 kgs. capacity should be provided near each electrical panel board & electrical room.</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 DCP type fire extinguisher of 04 kgs capacity should be provided in the Kitchen if provided for the purpose of Mid Day Meal.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.</p> <p>E. All Extinguisher suggested above should be with BIS markings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically.</p>	
							
06.	Hose reel hose system	Not Provided				One Hose Reel Hose near the staircase (One hose reel hose)	

			<p>system for every 1000 Sq. Mt). 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.</p>
07.	Pump at the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not Provided	The system should be connected to a booster pump of 450 LPM or of 5 HP capacities.
08.	Escape routes	Not Provided	Recommended to Provide Direction in which the inmates should have to move in the event of any emergency have to be indicated in the corridor/passage as a guide during evacuation staff. These marking should be in luminous paint
09.	No smoking board	Not Displayed	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.
10.	Fire Siren	Not Provided	A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
11.	Water Tank Capacity	Not Provided	<p>The system should be connected to an overhead tank of 5,000 ltrs. Capacity and further if basement is provided the tank capacity shall be increased to 10,000 ltrs. capacity.</p> <p>(The water tank should be kept exclusively fire fight purpose)</p> <p>Note: If the existing building is</p>

			<p>not capable of sustaining the weight of 5,000/10,000 ltrs tank capacity provision shall be made to provide water tank on the side of building with support from ground level by providing RCC column structure or MS column structure.</p> <p>If there is no option 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.</p>
12.	Nominate one Fire Nodal Officer	Not Nominated	A Fire Nodal officer shall be nominated either from teaching or non teaching staff
13.	Fire order (Fire Safety Plan)	Not Provided	A notice board has been displayed the Action to be taken by the Students/Staffs in Case of an Emergency with Telephone Numbers of Gadag Fire Station i.e. 08372-220101, 112 & 101 and telephone numbers of nearest Ambulance Service & Management Has been displayed.
14.	Training in Fire fighting	No	At-least 40% of teaching or non teaching Should be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore or Regional training centre within 3 months or at an early date. And shall be submitted to this office.
15.	<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</p>		



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 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.

Under the above circumstance the Karnataka Fire And Emergency Service Department is issuing **Fire Safety Recommendation** to **K.L.E.Society,s School (CBSE) J.T.College Campus Gadag, Tq: & Dt:Gadag**. Subject to condition and compliance of the above recommendations in column 4 of serial B within 03 months compliance to the undersigned.

♣ 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.***

The **Fire Safety Recommendation** is valid for a period of one year from the date of issue and it is not renewable.

To,

Principal

K.L.E.Society,s School (CBSE)

J.T.College Campus Gadag, Tq: & Dt:Gadag.



District Fire Officer

Karnataka State Fire & Emergency Services
GADAG.

Copy to:

1. Office Records, DFO's Office, Gadag.



SECRETARY

Board of Management
K.L.E. Society, BELAGAVI



PRINCIPAL

K.L.E. Society's School

(Affiliated to CBSE, Delhi)

GADAG