



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

CR:19:Adv:DFO:Gadag:2024.

Date:12-03-2024

Fire Safety Recommendation/Advice Certificate

Sub : Issue of '**Fire safety recommendation/Advice**' to Jaycee
High School, Mulgund Road, Gadag. Tq & Dt: Gadag.
Ref : 1) Applicant Request Letter Dtaed:06-03-2024.
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 Jaycee High School, Ground Floor + Three Upper Floor only situated at Mulgund Road, Gadag. Tq & Dt: Gadag. Was inspected by me on **09-03-2024** 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 I.I.D's Jaycee High School Gadag.
02	Name and Address of the premises.	:	Jaycee High School, Mulgund Road, Gadag. Tq & Dt: Gadag.
03	Name and address of the Building owner	:	Chairman Sri Ranganagouda Odugoudar Institute of Individual Development
04	Number of buildings	:	01 Building
05	Number of floors	:	Ground Floor + Three Upper Floor
06	<u>Floor-wise details of occupancy:-</u>		
	Ground Floor	:	01 Office Room, 09 Class Rooms
	First Floor	:	06 Class Room, 01 Management Room, 02 Lab, 01 Staff Room
	Second Floor	:	07 Class Room, 01 Library, 01 Administration Room, 01 Yoga Room.
	Third Floor	:	01 Atal Tinkering Lab, 06 Class Room, 01 Program Hall
07	Height of the building	:	14.67 Mtrs

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

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	Only 01 no. of Entry & Exit.			Minimum 01 Entrance & 01 Exit Should be Provided.
03.	Width of Entry/Exit	6.60 mtrs			Minimum 06.00 mtrs. Width with height clearance of minimum 05.00 mtrs. From Ground Level
04.	Diesel generators.	Not Provided			Recommended to Provide Diesel Generator of 25 KVA Capacity
05.	No. of staircases available	Nos. of staircases	:	02	Recommendation to provided staircases maintain travel distance with 22.50 mtrs. With minimum 02.00 mtrs width, 30
		Width of staircases	:	1.42 mtrs 1.50 mtrs	

		Width of treads	:	28 cm	29 cm	mm treads width, 15 mm treads height, 1 mtr Handrail with minimum 02.20 head room clearance.
		Height of risers	:	15 cm	13 cm	
		Nos. of riser per flight	:	15 No's	21 No's	
		Height of handrails	:	0.83 mtr	0.92 mtr	
		Head room clearance	:	2.53 mtrs	2.60 mtrs	
06.	Fire extinguisher	Not Provided				<p>A. One water mist extinguishers 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> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be available within 15 mtrs. radius</p>
07.	Public address system	Not Provided				Recommended to provide public address system with talk back facility at each floor of College building with its 'Control' at the ground floor level at Security room.
08.	First aid Hose reel hose.	Not Provided				<p>Hose Reel Hose near the each staircase (One hose reel hose system for every 1000 sq. mtrs)</p> <p>The hose reel hose of min 19 mm size and of 30.00 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 5mm size.</p>



			The hose reel hose should be connected at each landing of each building/block/wing/tower.
09.	Automatic sprinkler system.	Not Provided	Not required as there is no basement
10.	Terrace tank over respective tower terrace.	Provided	Terrace tank required 10,000 ltrs. Capacity for hose reel drum comer. (the water tank should be kept exclusively fire fight purpose)
11.	Pump at the terrace tank level with minimum pressure of 3.5 kg/cm ² . ----	Not Provided	Recommended to provide booster pump of 450 lpm capacity for each Hose reel drum system. Further the system should be connected to an alternative source of power supply.
12.	Fire Control Room at Ground Floor	Not Provided	Recommended to Provide fire control room at the entrance/security room.
13.	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.
14.	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. 08372-237444, 112 & 101 and telephone numbers of nearest Ambulance Service & Management Has been displayed.
15.	No smoking board	Not Provided	As per Sec-4 of COPTA a board with words NO SMOKING AREA shall be written in English & Kannada

			both languages shall be prominently displayed at inside the entry/exit of the each floor.
16.	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.
17.	Water Storage Capacity	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 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. 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>
18.	Nominate one Fire Nodal Officer	Not Nominated	A Fire Nodal officer shall be nominated either from teaching or non teaching staff
19.	Training in Fire fighting	Not Provided	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.
20.		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 & 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 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 **Jaycee High School, Mulgund Road 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
I.I.D's Jaycee High School
Gadag.


 District Fire Officer -
 Karnataka State Fire & Emergency Services
 GADAG.

Copy to:

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