

Ref.No: 86 /DFO/Ballari/FSR/2023.

ANNEXURE-1

(Up to 14.99 mtrs in height)

Group B, Educational Buildings

(These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory.)

To,
The Principal
Jain Public School
Belagal Village, Ballari.
Ballari (Tq) & (Dist).

Sir,

Sub: Issue of "Fire Safety recommendation" to "Jain Public School", Belagal Village, Ballari. Ballari (Tq) , Ballari (Dist).

Ref: Ref No: 16/FSO/Ballari/FSR/2023 Dated: 06/06/2023.

With reference to the subject above cited, the premises of "Jain Public School", Belagal Village, Ballari. Ballari (Tq) , Ballari (Dist). was inspected by Fire Station Officer, Fire Station, Ballari on Dated 06/06/2023 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 Jain Public School Belagal Village, Ballari. Ballari (Tq) & (Dist).
02.	Name and Address of the premises.	:	Jain Public School Belagal Village, Ballari. Ballari (Tq) & (Dist).
03.	Name and Address of the Building owner.	:	Smt Parvathamma W/O Late T.H.Babu. Basavana Kunte, Railway Track. Ballari. Ballari (Tq) & (Dist).
04.	Number of Buildings	:	01 No Building.
05.	Number of floors	:	Ground + 02 Upper Floor.
06.	Floor-wise details of occupancy :-	:	
	Ground Floor:	:	1) Principal Room-01 No 2) Office Room-01 No 3) Counselling Room-021 No 4) Science Lab-01 No 5) Examination Department Room-01 No 6) Staff Room-01 No 7) Class room-06 No's

			8) Conference Hall-01 No 9) Infirmary Room-01 No. 10) Art Room-01 No 11) Library Room-01 No 12) Electric Room-01 No. 13) Toilets-02 No's
	First Floor	:	1) Class Room-13 No's 2) Staff Room-01 No 3) Computer Lab Room-01 No 4) Drawing Room-01 No's 5) Maths Lab Room-01 No 6) Toilet Room-02 No's.
	Second Floor	:	1) Class Room-15 No's 2) Seminar Hall-01 No 3) Social Study Lab-01 No. 4) Toilet Room- 02 No's.
07	Height of the building	:	11.67 Mtrs.
08	Site area	:	15206.37 Sq Mtrs.
09	Built-up area of each floor :-		
	Ground Floor:	:	1910.76 Sq Mtrs.
	First Floor	:	1775.00 Sq Mtrs.
	Second Floor	:	1891.03 Sq Mtrs.
10	Total built-up area	:	55760.79 Sq Mtrs.
11	Surrounding properties:-		
	East	:	Agricultural Land.
	West	:	Agricultural Land.
	North	:	12 Mtrs Wide Ballari to Belagal Road.
	South	:	Agricultural Land.
12.	Set back area available around the Building:-		
	East	:	06.00 (Min)
	West	:	06.00 (Min)
	North	:	06.00 (Min)
	South	:	06.00 (Min)
			Recommended: To provide as per Local Zonal Regulations.

B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures are 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 12 Mtrs Wide Ballari to Belagal Road at North Side.	--

02	No of entrances.	02 No.				--	
03	No. of staircases available	No of staircase	:	03 No.			Maintain Treads & Raisers As per NBC-2016
		Width of staircase	:	01.87 Mtrs.	01.70 Mtrs	01.90 Mtrs	
		Width of treads	:	29 Cms	30 Cms	30 Cms	
		Height of risers	:	13 Cms	15 Cms	15 Cms	
		No of riser per flight	:	24	24	24	
		Height of handrails	:	01.25 Mtrs	01.15 Mtrs.	01.00 Mtrs	
04	Fire extinguisher	06 No ABC Type Fire Extinguisher of 06 Kg Capacity & 03 No ABC Type Fire Extinguisher of 04 Kg Capacity Provided.			<p>01) 10 No's ABC FE each of 05 kg capacity for Ground Floor, 07 No's ABC FE each of 05 kg capacity for each Floor .</p> <p>02) 01 No of CO2 extinguisher of 4.5 kg capacity near the Electrical Switch board.</p> <p>03) 08 No's of sand Bucket for Electrical Switch board.</p> <p>04) Two number of Hand gloves near the Electrical Switch board.</p> <p>05) 01 No's Water Mist type extinguishers of 09 liters capacity should be kept near each staircase landing at each floor.</p> <p>06) 01 No Mechanical Foam FE of 9 Ltrs capacity and 01 No ABC FE of 6 kg capacity should provide near Diesel Generator.</p>		

			[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]
05	Hose reel hose system.	Not Provided.	03 No of Hose reel hose of 30 mtrs length with drum and 01 no's delivery hose pipes minimum 2 ½ inch size of adequate length to reach the farthest point of each floor has to be provide with a shut off branch having a nozzle of 2 mm size. The hose reel hose has been connected at each landing by means of an adaptor.
06	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not Provided.	To Provide 01 No pump with minimum pressure of 450 LPM.
07	Diesel generators.	Not Provided	Recommended to Provide Adequate Capacity Generator and it Should be Connected to alternative Power Supply.
08	Terrace tank.	Provided 02 No of 5000 Ltrs Water Capacity Syntax Tanks.	To Provide Over Head Tank of 10,000 Ltrs for Fire Fighting purpose to be connected to Hose reel hose system.
09	Escape routes	Not Marked	Signage board is required with illuminated points for in which direction to go outside from the building for staff & students and also separate light arrangement to the illumination board by doing from battery operated.

10	Fire order (Fire Safety Plans)	Not Displayed	The Notice board have been indicted the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Ballari Fire Station i.e- 08392-266001 & 101 , and the telephone number of nearest Ambulance services and Police Station.
11	No Smoking Board	Not Displayed	COTPA Sec-4 Direction No Smoking area Smoking hear is an offence Board Should be written in English & Kannada both language Shall be Prominently displayed at inside the Entry/Exist of Each Floor.
12	Fire Siren	Not Installed	A fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency/evacuate the area.
13	Nominate one fire Nodal officer		A fire nodal officer shall be nominated either from teaching or no teaching staff.
14	Fire fighting training.	Not Imparted	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:

- 1) Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory and electrical cum panel premises.
- 2) Accumulation of combustible waste in and around the premises should be avoided.

- 3) The exit ways shall be always kept clear without any Obstruction.
- 4) Liquefied petroleum gas should not be stored in the building.
- 5) The doors shall not be kept locked/latched during working hours and shall be free from obstruction.
- 6) During the class hours the class room doors shall not be locked from inside to outside.
- 7) 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 14th of every year by conducting fire safety drills with co-ordinate with fire service department.


Hence this "Fire Safety recommendation" is issued to "Jain Public School", Belagal Village, Ballari. Ballari (Tq) , Ballari (Dist). subject to strict adherence of the conditions as laid down in this Recommendations and to check the portable fire extinguisher & Hose reel hose, and to conduct drills periodically and the Management must not extend the height of the building beyond 15.0 meters. Subject to condition and compliance of the above recommendations in column-4 of serial-B within 3 months and compliance to undersigned.

This "Fire Safety recommendation" is valid for only one year from the date of issue.

Date-15/06/2023
Place- Ballari

Copy To
Fire Station Officer
Fire Station
Ballari.

Yours faithfully


District Fire Officer
Karnataka State Fire & Emergency Service
Ballari District, Ballari.


PRINCIPAL
JAIN PUBLIC SCHOOL,
Belagal Village, Ballari-583 115