

Office of the District Fire Officer
Karnataka State Fire
and Emergency Services
Khanapur Road, Belagavi-590001



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C.NO/160/ADV/DFO/BELAGAVI/2023

Date : 27-06-2023

To,

The Principal
Banagawad English Medium Pre-Primary
And Primary School
Miraj road , Tq- Athani
Dist-Belgavi

Sir,

Sub:- Issue of 'Fire safety recommendation/Advice' to "Banagawad English Medium Pre-Primary And Primary School" Miraj Road , Tq- Athani Dist- Belgavi.

Ref:- C.No/12/FSO/ATHANI/2023 Date-23/06/2023
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With reference to the subject above cited, the premises of Banagawad English Medium Pre-Primary And Primary School" Miraj Road , Tq- Athani Dist- Belgavi.was inspected by the Fire Station Officer, Athani on 23/06/2023 with respect to fire Prevention, Fire fighting and Evacuation measures to be complied in the above premises and the details as under.

ANNEXURE-1

(Up to 14.99 mtrs. In height)

"GROUP-B Educational Buildings

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	The Principal Banagawad English Medium Pre-Primary School, Miraj Road, TQ- Athani, Dist- Belgavi.
02	Name and Address of the Premises	Shri N.L.Banajawad Memorial Education And Charity Trust Athani Banagawad English Medium Pre-Primary School, Miraj Road, Tq- Athani, Dist-Belgavi.
03.	Name and Address of the Building Owner	Shri N.L.Banajawad Memorial Education And Charity Trust Athani Miraj Road, Tq- Athani, Dist – Belgavi
04.	Number of Building	01
05.	Number of Floors	G+1
06.	Floor-wise details of Occupancy:-	
	Ground Floor	Class room-16, Office room-01 & rest room-01
	1 st floor	Class room-17, Office room-01, Store room-01.
07.	Height of the building	05.90 mtr
08.	Site area	03.00 acers
09.	Built-up area of each floor:-	
	Ground Floor	13200 sq mtr

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	1 st floor	12800 sq mtr
10.	Total Built-up area	26000 sq mtr
11.	Surrounding properties:-	
	East	Agricultural land
	West	Agricultural land
	North	09.00 mtr road.
	South	Agricultural land
12.	Open Space all around the building	
	East	04.00 mtr
	West	04.00 mtr
	North	04.00 mtr
	South	04.00 mtr
Allowed Setbacks (open space) should be maintained free from further obstruction/construction.		

On the 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 (01)	Details (02)	Existing (03)		Recommendations (04)		
01.	Accessibility to the premises	The premises is easily accessible from the northern side with the road of 09.00 mtr wide.		--		
02.	Number of Entrances	01 entrance of width 06.20 mtr wide.		--		
03.	Number of Staircase	No of staircase	02,nos	1.37 m	The staircase must be free from obstruction all the time.	
		Width of the staircase	01.37 m			
		Width of threads	0.30 m			0.30 m
		Height of risers	0.15 m			0.15 m
		No of risers per flight	11 nos			16 no
		Height of the hand drill.	Nil			1.10 m
04.	Portable Extinguishers	Provided 05 nos ABC type Extinguishers.		<p>A. One water mist extinguisher of 09 ltrs capacity should be kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 09 ltr capacity & one ABC type extinguisher of 06 kgs capacity should be provided near the 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 located as to be available within 15 mtrs. Radius.</p>		



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05.	Hose reel hose system	Not Provided	One Hose reel hose 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 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 05 mm size. The hose reel hose should be connected at each landing.
06.	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not Provided	The system should be connected to an booster pump of 450 LPM or of 5 HP capacity. Further the system should be connected to an alternative source of power supply.
07.	Diesel Generator	Not Provided	15 Kv generator has to be provided
08.	Terrace Tank	01 tank of 1000 ltr & 01 tank of 500 ltr capacity has been provided.	The system should be connected to an over head tank of 5000 ltrs capacity further if basement is provided the tank capacity shall be increased to 10,000 ltrs capacity. (The water tank should be kept exclusively for fire fighting purpose.) 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 the 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.
09.	Escape routes	Not Marked	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.
10.	Fire Order (Fire safety plans)	Not Displayed	A notice board indicating the action to be taken by the employees in case of any emergency should be displayed with the telephone numbers of Athani fire station i.e 08289-251740 & 101, 080-22971550, 22971500, 22971600 and the telephone nos nearest ambulance services and police station.
11.	No Smoking board	Not Displayed	COPTA Sec-4 direction of 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 the



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			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 and evacuate the area.
13.	Nominate One Fire Nodal Officer	--	A Fire Nodal Officer shall be nominated either from teaching or non teaching staff.
14.	Fire Fighting Training	Not Imparted	At least 40% of the Teaching and non Teaching staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore or Regional training centre.
15.	<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 and 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 door shall not be locked from inside to out side.</p> <p>G:- As per Honorable Supreme Court order all teachers and staff shall be trained to handle safety equipments, 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-ordination with the fire services department.</p>		

Under the above circumstance the Karnataka Fire & Emergency Services Department is issuing “**Fire Safety Recommendation**” to “Banagawad English Medium Pre-Primary And Primary School” Miraj Road , Tq- Athani Dist- Belgavi. subjected to condition and compliance of the above recommendations in column-4 of serial -B within 03 months and compliance to the undersigned.

This “**Fire Safety Recommendation**” is valid for only one year from the date of issue and is renewable.



Yours Faithfully

[Signature]
 District Fire Officer
 Karnataka State Fire And Emergency Services
 Belagavi-01.

Copy to,
 Fire Station Officer, Athani.