

C.NO/35/ADV/CFO/HBL/2023

Date : <sup>HUBLI-35</sup> ~~30-01-2023~~

To,

Principal  
Dr. B.R.Ambedkar Education &  
Social Welfare Trust Society,  
Good Shepherd Central School,  
R.S.No.16/1, Laxmi Tekdi,  
Ganeshpur road, Opp:Federal Bank,  
Belagavi, Belagavi District.

Sir,

Sub : Issue of 'Fire safety recommendation' to Good Shepherd Central  
School, Opp:Federal Bank, Belagavi, Belagavi District.  
Ref : C.No.31/ADV/RFO/HR/2022 Date 21/12/2022.

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With reference to the subject above cited, the premises of **Good Shepherd Central School, Opp:Federal Bank, Belagavi, Belagavi District** was inspected by the Regional Fire Officer, Hubli Shree Devaraju on 21/12/2022. 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-B**

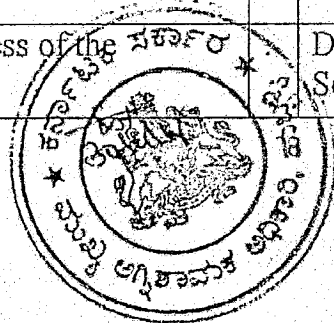
**"B1& B2 – Schools upto senior secondary level and other institutions"**

*NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings*

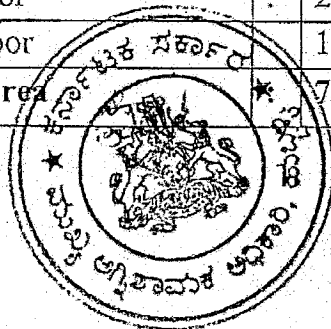
( These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory. )

**A. Details of the building / premises :-**

01	Name and Address of the Applicant.	:	Principal Dr. B.R.Ambedkar Education & Social Welfare Trust Society, Good Shepherd Central School, R.S.No.16/1, Laxmi Tekdi, Ganeshpur road, Opp:Federal Bank, Belagavi, Belagavi District
02	Name and Address of the premises.		Dr. B.R.Ambedkar Education & Social Welfare Trust Society,



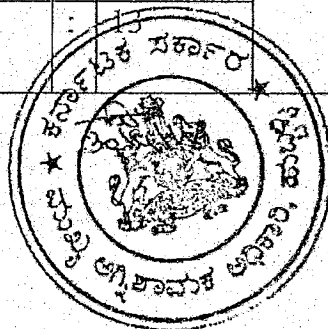
			Good Shepherd Central School, R.S.No.16/1, Laxmi Tekdi, Ganeshpur road, Opp:Federal Bank, Belagavi, Belagavi District
03	Name and address of the Building owner		Dr. B.R.Ambedkar Education & Social Welfare Trust Society, Good Shepherd Central School, R.S.No.16/1, Laxmi Tekdi, Ganeshpur road, Opp:Federal Bank, Belagavi, Belagavi District
04	Number of buildings	:	01
05	Number of floors	:	Lower Ground Floor, Ground Floor, First Floor & Second Floor
06	<b><u>Floor-wise details of occupancy:-</u></b>		
	Lower Ground floor	:	Parking
	Ground floor	:	9 class rooms, Junior Science Lab, Jr. Library, 2 Staff rooms, 2 School store, Presentation room, Admin Office, coordinator/Exam room, 3 Counseling rooms, Accounts room, Conference room, Staff room, Server room, Director's Office, Principal's Office, Electric room, Student Dining Hall, 2 extra rooms, Clinic.
	1 <sup>st</sup> floor	:	24 Class rooms, 2 staff rooms, art & craft room, Language Lab.
	2 <sup>nd</sup> floor	:	Library, Dance room, Music room, School Assembly hall, Store, IT Lab, Biology Lab, Chemistry Lab, Physics lab.
07	Height of the building	:	maximum 12.34 Mtrs.
08	Site area	:	40746.54 Sq.Mtrs.
09.	Built-up area of each floor:-		
	Ground floor	:	2976.43 Sq.Mtrs.
	1 <sup>st</sup> floor	:	2389.90 Sq.Mtrs.
	2 <sup>nd</sup> floor	:	1810.45 Sq.Mtrs.
10.	Total built-up area	:	7176.78 Sq. Mtrs.



11.	Surrounding properties:-		
	East	:	Open land
	West	:	Open land
	North	:	09.00 mtrs. wide approach road
	South	:	Open land
12.	<u>Set-back area available around the building :-</u>		
	East	:	minimum 04.00Mtrs.
	West	:	minimum 04.00Mtrs.
	North	:	minimum 04.00Mtrs.
	South	:	minimum 04.00Mtrs.

**B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :**

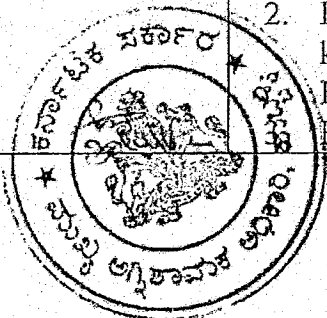
Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)	
01.	Accessibility to the premises	The premises is abutting by 30.00 mt. wide hard surfaced road.	Adequate	
02.	No. of entrances	02 no. of entrance & exit.	Recommended to provide at least 1 entry & 1 exit.	
03.	Width of entry / exit	10.00 mtrs.	Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level.	
04.	Diesel generators	Not proposed	Recommended to provide alternate power supply/Diesel generator of adequate capacity for the emergency use to the fire department.	
05.	No. of staircases available	Nos. of staircases	: 04	Adequate
		Width of staircases	: 02.00mt.	
		Width of treads	: 30 cm	
		Height of risers	: 15 cm	
		Nos. of riser per flight	: 13	



		Height of handrails	:	1 mt.	
		Head room clearance	:	2.70 mt.	
06.	No. lifts and capacity.	Nos. of lifts	:	Nil	N/A
		Capacity of lifts	:	--	
07.	Fire extinguisher	Not proposed			Fire extinguishers required (ABC, CO <sub>2</sub> ) for every 100 sq.mtrs. built up area.
08.	Public address system	Not proposed			Recommended to Provide Public address system with talk back facility at each floor of the College building with its 'control' at the ground floor level at security room.
09.	Down comer/Wet riser system	Not proposed			Recommended to provide 4 nos. of down comer systems near staircase landing of GI 'C' class pipe of 100 mm dia.
10.	First aid Hose reel hose.	Not proposed			Recommended to provide Hose reel hose with adequate length near each staircase.
11.	Automatic sprinkler system.	Not proposed			Not required as there is no basement.
12.	Terrace tank over respective tower terrace.	Provided 10000 ltrs. capacity.			Terrace tank required 10,000 ltrs. Capacity for each down comer system.
13.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not proposed			Booster pump required 450 ltrs. per minute capacity for each down comer.
14.	Fire control room at ground floor.	Not proposed			Fire control room shall be created at the entrance/Security room.



15.	Escape routes	Back entrance	Recommended to Provide Direction in which the employees/ Students should have to move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits.
16.	Fire order	Not proposed	Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of Belagavi fire station i.e., 0831-2429441 & 101 & telephone numbers of the nearest Ambulance service.
17.	Fire fighting training	Not proposed	At-least 40% of employees shall 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. And shall be submitted to this office.
18.	Additional recommendations.	<ol style="list-style-type: none"> <li>1. Recommended to provided 01 ABC Extinguisher of 05 kg capacity for every 04 Classrooms, 02 Nos. of ABC Extinguisher of 05 kg capacity to the library &amp; 02 Nos. of CO2 Extinguisher for Store room.</li> <li>2. Recommended to provide 01 CO2 extinguisher of 4.5 kg capacity at the Electrical Panel room And 05 nos. of First Aid boxes at the office.</li> </ol>	Recommended to provide 01 No. of Emergency



		<p>electric operated siren.</p> <ol style="list-style-type: none"> <li>4. Petroleum products like LPG, Petrol, etc. shall not be stored in the School Building.</li> <li>5. An awareness program of fire fighting and safety to be conducted in your School for School students and lectures in this regard the management or The Principal of the School should contact the Chief fire Officer Hubli Zone.</li> <li>6. No thatched houses shall be erected in the school premises.</li> <li>7. If kitchen or canteen is provided, it should be in a separate building minimum 15 mts. away from the school building.</li> <li>8. Jump wires and loose connection of electric wirings and inflammable are prohibited.</li> <li>9. Combustible material shall not be stored in the School premises.</li> <li>10. All the equipments shall be periodically examined by the trained staff of School.</li> </ol>
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The Karnataka Fire & Emergency Service Department is issued the Fire Safety recommendations in compliance to the undersigned, within 90 days.

**\*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.*

Hence, On the report submitted by the Regional Fire Officer Hubli this recommendations are issued to Good Shepherd Central School building consisting of Lower Ground floor & Ground floor & 02 upper floors situated at R.S.No.16/1, Opp:Federal Bank Belagavi, Belagavi District.



Yours faithfully,

*[Signature]*  
 Chief Fire Officer,  
 Karnataka State Fire and  
 Emergency Services Hubballi Zone,  
 HUBBALLI-25.

Copy to: The Regional Fire Officer, Hubli Range.