

C.NO.78/ADV/CFO(HBL)/2021

Date : 14-06-2021

To,

The Chairman,
K.E.Board Central School,
Malamaddi, Dharwad,
Dharwad District

Sir,

Sub : Issue of 'Fire safety recommendation/Advice' to K.E.Board Central School at Malamaddi, Dharwad, Dharwad District.

Ref : 1) Applicants request letter dated 05/05/2021

2) C.No.02/DFO/Dharwad/2021 Dated 11/06/2021

With reference to the subject above cited, the premises of to K.E.Board Central School building consisting with ground floor + 1 upper floor situated at Malamaddi, Dharwad, Dharwad District was inspected by the District Fire Officer, Dharwad on 05/06/2021 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.	The Chairman, K.E.Board Central School, Malamaddi, Dharwad
02	Name and Address of the premises.	K.E.Board Central School, Malamaddi, Dharwad,
03	Name and address of the Building owner	The Chairman, K.E.Board Central School, Malamaddi, Dharwad,
04	Number of buildings	01
05	Number of floors	Ground Floor + 1 Upper Floor

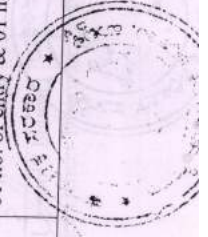



06	Floor-wise details of occupancy:-	
	Ground floor	: 11 nos. of Class Room, 02 nos. of Staff room, 01 no. of Office room, 01 no. of Principal room, 01 no. of Activity room, 01 no. of Exam department room.
	First floor	: 14 nos. of Class room, 01 no. of Computer Lab, 01 no. of Library, 01 no. of Laboratory, 01 no. of Sports room.
07	Height of the building	: 07.00 Mtrs.
08	Site area	: 4477.49 Sq. Mtrs.
09	Built-up area of each floor:-	
	Ground floor	: 1243.00 Sq. Mtrs.
	First floor	: 580.50 Sq. Mtrs.
10.	Total built-up area	: 1823.50 Sq. Mtrs.
11.	Surrounding properties:-	
	East	: Residential Building
	West	: Road
	North	: Commercial building & School ground
	South	: Residential Building
12.	Set-back area available around the building :-	
	East	: 20.00 Mtrs.
	West	: 07.00 Mtrs.
	North	: 03.00 Mtrs.
	South	: 04.00 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 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 12.00 mt. wide road located on the Western Side.	Adequate
02.	No. of entrances	01 no. of entry & 01 no. of exit.	Recommended to provide at least 1 entry & 1 exit.



03.	Width of entry exit	Entry-06.70 mtrs. Exit-04.00 mtrs.	Adequate Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level.																
04.	Diesel generators.	---	Recommended to provide Diesel Generator of 25 KVA capacity.																
05.	No. of staircases available	<table border="1"> <tr> <td>Nos. of staircases</td> <td>: 02</td> </tr> <tr> <td>Width of staircases</td> <td>: 1.2 & 1.4 mtr.</td> </tr> <tr> <td>Width of treads</td> <td>: 15 cms</td> </tr> <tr> <td>Height of risers</td> <td>: 30 cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>: 16</td> </tr> <tr> <td>Height of handrails</td> <td>: 12</td> </tr> <tr> <td>Head room clearance</td> <td>: 01 mtr.</td> </tr> <tr> <td></td> <td>: 2.50 mtr.</td> </tr> </table>	Nos. of staircases	: 02	Width of staircases	: 1.2 & 1.4 mtr.	Width of treads	: 15 cms	Height of risers	: 30 cms	Nos. of riser per flight	: 16	Height of handrails	: 12	Head room clearance	: 01 mtr.		: 2.50 mtr.	Adequate to provide staircases maintaining travel distance with 22.50 mtrs. with minimum 02.00 mtrs. width, 30 mm treads width, 15 mm treads height, 1 mtr. Handraff, with minimum 02.20 head room clearance.
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06.	No. lifts and capacity.	<table border="1"> <tr> <td>Nos. of lifts</td> <td>: --</td> </tr> <tr> <td>Capacity of lifts</td> <td>: --</td> </tr> </table>	Nos. of lifts	: --	Capacity of lifts	: --	---												
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07.	Fire extinguisher	<p>Provided 02 nos. of DCP Fire Extinguishers each of 05 kgs capacity.</p> 	<p>A. One water mist extinguisher of 9 ltrs capacity should be kept near each staircase landing. B. One mechanical foam extinguisher of 9 ltrs. capacity & One ABC type extinguisher of 6 kgs. capacity should be provided near diesel generator. C. One CO2 type fire extinguisher, of 4.5 kgs. capacity should be provided near each electrical panel board & electrical room. D. One ABC type fire extinguisher of 06 kgs capacity should be</p>																

18.

Fire precautionary measures:-

- 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.

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 District Fire Officer Dharwad this recommendations is issued to K.E.Board Central School building consisting with ground floor + 1 upper floor situated at Malamaddi, Dharwad, Dharwad District.

This certificate is valid for a period of one year from the date of issue of this letter and is renewable.



Yours faithfully,

[Signature]

CHIEF FIRE OFFICER
Karnataka State Fire and
Emergency Services, Hubballi Zone
HUBBALLI-25

Copy to the District Fire Officer Dharwad.