



No.202/ADV/CFO/BWZ/2018

22-05-2018

To,

The Head Misters,
B.E.A Higher Primary School,
Site No. 1179/6,
Sri Nijalinagappa Layout,
Davanagere City 577 004.

Sir,

Sub : Issue of 'Fire safety Recommendation' to Bapuji Education Association (R), B.E.A High Primary School, Site No. 1179/6, Sri Nijalinagappa Layout, Davangaere.

Ref: Your letter Dated 10-05-2018.

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With reference to the subject above cited, the premises of **B.E.A High Primary School**, situated at Site No. 1179/6, Sri Nijalinagappa Layout, Davangaere was inspected by Regional Fire Officer, Davangere Range on 14-05-2018 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

NBC-2016, Part-4, Table 7 (1) 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 Head Misters, <u>B.E.A Higher Primary School</u> , Site No. 1179/6, Sri Nijalinagappa Layout, Davanagere City 577 004.
02.	Name and Address of the premises.	:	Bapuji Educational Association (R), <u>B.E.A Higher Primary School</u> , Site No. 1179/6, Sri Nijalinagappa Layout, Davanagere City 577 004.

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HEAD MISTERS
B.E.A HIGHER PRIMARY SCHOOL,
SRI NIJALINAGAPPA LAY-OUT
DAVANAGERE-577 004.

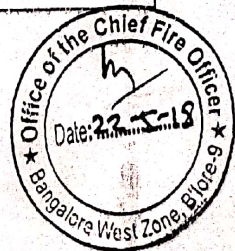


03.	Name & address of the building owner	:	The Honorable Secretary, Bapuji Education Association (R), Davangere, P.J Extension, Davanagere 577 002.
04.	Number of buildings	:	One building.
05.	Number of floors	:	Ground & 2 upper floors.
06.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	02 principal chambers, administration chamber, AO room, 03 staff rooms, conference hall computer lab, 06 theory rooms, journal section, psychology room, library, sports room, 03 store rooms & toilet.
	1 st floor	:	Principal chamber, head master chamber, office room, 03 staff rooms, 008 class rooms, 02 labs (i.e science & computer) arts room, library, store room & toilets.
	2 nd floor	:	Class room, staff room, store room & toilet.
07.	Height of the building	:	12.02 Mtrs.
08.	Site area	:	8040.00 Sq. Mtrs
09.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	1976.50 Sq. Mtrs.
	1 st floor	:	1976.50 Sq. Mtrs.
	2 nd floor	:	317.50 Sq. Mtrs.
10.	Total built-up area	:	4270.50 Sq. Mtrs.
11.	<u>Surrounding properties:-</u>		
	East	:	9.14 mtrs wide SN layout 11 th Cross road thereafter residential area.
	West	:	9.14 mtrs wide SN layout 12 th cross road thereafter residential area.
	North	:	Public park thereafter private property.
	South	:	12.20 mtrs wide SN layout main road thereafter residential area.

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12.	<u>Open space all around the building:-</u>	
	East	: Min 08.00 mtrs
	West	: Min 04.00 mtrs.
	North	: Min 07.00 mtrs
	South	: Min 19.00 mtrs
Min 05.00 setbacks (open space) all around the building should be maintained free from further obstruction / construction for easy movement of emergency vehicles.		

B. On inspection of this School 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 accessible from 12.20 mtrs wide SN layout main road located on southern side & 9.14 mtrs wide SN layout 11 th cross road located eastern side. Both road area hardened to carry the weight of water tender.	Adequate
02.	Number of entrances	<u>One entry</u> One entry of 04.00 mtrs width and One exit of 03.00 mtrs width have been provided.	Not complied Entry width should be of Min 06.00 for easy movement of emergency vehicles.
03.	Diesel generator	Not provided	Not complied One adequate capacity of diesel generator should be provided & it should be connected fixed fire fighting systems.

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04.	Number of staircase	Nos. of staircases	:	02	Complied
		Width of staircases	:	Each of 01.52 mtrs	
		Width of treads	:	Each of 30 CMS	
		Height of risers	:	Each of 15 CMS	
		No. of riser per flight	:	11 nos	
		Height of handrails	:	01.00 mtrs	
		Head room clearance	:	02.6 mtrs.	
05.	Portable extinguishers	One ABC type extinguisher of 5 kgs capacity has been provided.			<p>In-additional to the existing fire extinguishers</p> <p>A. One water mist extinguisher 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>

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			D. One ABC type fire extinguisher, of 6 kgs capacity should be provided for every 100 Sq. mtrs. in each floor.
06.	Hose reel hose system	Not provided	02 Hose Reel Hose system should be provided. The hose reel hose of min 19 mm size and of adequate length to reach the farthest point of each floor should be provided shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.
07.	Terrace tank over respective tower terrace.	Not provided	Each system should be connected to an over head tank of 10,000 ltrs capacity.
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided	Each system should be connected to an booster pump of 450 LPM. Further the system should be connected to an alternative source of power supply.
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.

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10.	Fire order (Fire safety plans)	Not displayed	A notice board Have been indicated the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Davanagere fire station i.e 08192-258101 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.
11.	No smoking board	Not displayed	COTPA Sec-4 directin No Smoking area smoking here is an offence board should be written in English & Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.
12.	Fire fighting training	Not imparted	At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore

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13. 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 out side.
- 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 & Emergency Service Department is issuing 'Fire Safety Recommendation' to B.E.A High Primary School, situated at Site No. 1179/6, Sri Nijalinagappa Layout, Davangaere subject to condition and compliance of the above recommendations in column -4 of serial - B within 3 months and compliance to the undersigned.

This 'Fire Safety Recommendation' is issued for a period of only one year from the date of issue and is renewable.

All requirements recommended above are as per National Building Code- 2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully

Neelha A.J
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Chief Fire Officer
Bangalore West, Sheshadri Road,
Highground Fire Station Premises.
Bangalore - 560 009.

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