



Office of the Chief Fire Officer, Bengaluru-East Zone,
Karnataka Fire & Emergency Services,
Commissariat Road, Bengaluru-560 025.



No. 924/CFO/Bng-East/FSR/2020

Dated: 15-01-2021.

ANNEXURE – 1

Group - B Educational 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).

To,
The Authorized Signatory,
M/s. National Hill View Public School,
Sy. No: 275/3 & 275/4, Halagevaderahalli,
Ideal Homes Township,
Rajarajeshwari Nagar,
Bengaluru – 560 098.

Sir,

Sub : Issue of "**Fire safety recommendation**" with respect of fire prevention, fire fighting and evacuation measures required at "M/s. National Hill View Public School, Sy. No:275/3 & 275/4, Halagevaderahalli, Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru – 560 098" - reg.

Ref : 1) Your request letter dated: 03-10-2020.
2) Inspection report No: 40/DFO/BFS/Advice school/2020
Date: 03-01-2021.

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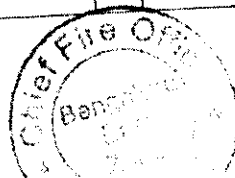
With reference to the subject cited above, the premises of "M/s. National Hill View Public School, Sy. No:275/3 & 275/4, Halagevaderahalli, Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru – 560 098" was inspected by the District Fire Officer, Banashankari Fire Station, Bengaluru on 01-12-2020 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

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

1.	Name and address of the applicant	The Principal, M/s. National Hill View Public School, Sy. No: 275/3 & 275/4, Halagevaderahalli, Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru – 560 098.
2.	Name and address of the premises.	M/s. National Hill View Public School, Sy. No: 275/3 & 275/4, Halagevaderahalli, Ideal Homes Township,



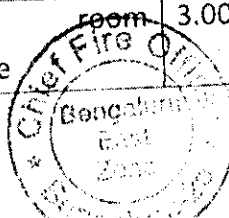
		Rajarajeshwari Nagar, Bengaluru – 560 098.
3.	Name and address of the building owner	: The Secretary, National Education Foundation, Sy.No.52, New Sy.No.152, Ideal Homes, Bangarappanagar, Rajarajeshwarinagar, Bengaluru – 560 098.
4.	Number of Buildings	: One Building.
5.	Number of floors	: Ground floor and 3 upper floors.
6.	<u>Floor wise details of occupancy</u>	
	Ground floor	: Reception, Physics Lab, Chemistry Lab, Principal's Chamber, Admin Office, Bio Lab-1, Library, Class Rooms-05 and 2 Wash Rooms.
	First floor	: 13 Class Rooms.
	Second floor	: 13 Class Rooms.
	Third floor	: 13 Class Rooms.
7.	Height of the Building	: 13.70mtrs.
8.	Site area	: 8094.00Sq.mtrs.
9.	<u>Built-up area of each floor:-</u>	
	Ground floor	: 1950.00Sq.Mtrs.
	First floor	: 1950.00Sq.Mtrs.
	Second floor	: 1950.00Sq.Mtrs.
	Third floor	: 1950.00Sq.Mtrs.
10.	Total Built up area	: 7800.00Sq.mtrs..
11.	<u>Surroundings of the Property:-</u>	
	South	: Vacant Space & Garden belongs to the applicant.
	North	: 7.00mtrs wide road & Play ground.



	East	:	Residential buildings.
	West	:	Garden belonging to the applicant.
12.	<u>Setback area available around the building</u>		:
	North (Front)	:	10.30mtrs.
	South (Rear)	:	2.00mtrs.
	East (Side)	:	3.70mtrs.
	West (side)	:	03.00mtrs.

Part-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 :-

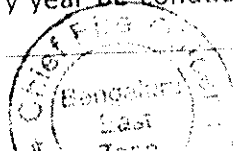
Sl. No. (1)	Details (02)	Existing (03)	Recommendations (04)														
1.	Accessibility	The premise is accessible from 15.00mtrs. wide main road, located on the western side and 10.00mtrs. wide internal road, located on the Northern side. Both the roads are hardened to carry the weight of 45,000Kgs.	Adequate.														
2.	Number of entrances	One entrance of 8.00mtrs. wide has been provided on the western side.	Complied.														
3.	Diesel generators	One diesel generator of 125KVA capacity has been provided.	Complied.														
4.	Number of staircases available	<table border="1"> <tr> <td>Number of the staircases</td> <td>02nos.</td> </tr> <tr> <td>Width of staircases</td> <td>1.30mtrs.</td> </tr> <tr> <td>Width of treads</td> <td>30cms.</td> </tr> <tr> <td>Height of risers</td> <td>15cms.</td> </tr> <tr> <td>No. of risers per flight</td> <td>22nos risers per flight</td> </tr> <tr> <td>Height of handrails</td> <td>0.90mtrs.</td> </tr> <tr> <td>Head clearance</td> <td>3.00mtrs.</td> </tr> </table>	Number of the staircases	02nos.	Width of staircases	1.30mtrs.	Width of treads	30cms.	Height of risers	15cms.	No. of risers per flight	22nos risers per flight	Height of handrails	0.90mtrs.	Head clearance	3.00mtrs.	Complied.
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5.	No. lifts and capacity	Not provided.	Not applicable.
7.	Portable Fire extinguishers	48 ABC powder extinguishers, each of 4kgs. Capacity & 8 CO ₂ extinguishers, each of 4.5kgs. capacity, have been provided.	<p>A. One Water mist extinguisher of 9 liters capacity should be kept near each staircase landing.</p> <p>B. One Mechanical foam extinguisher of 9 liters capacity & One ABC type extinguisher of 6Kgs capacity should be provided near Diesel Generator.</p> <p>C. One CO₂ Type fire extinguisher of 4.5Kgs capacity should be provided near each electrical board & electrical room.</p> <p>D. One ABC type extinguisher of 6kgs capacity should be located as to be available within 15.00mtrs radius.</p>
6.	First aid hose reel hose	Not provided.	02nos Hose reel hose near the staircase shall be provided. The hose reel hose of min 19 mm sizes and of adequate length to reach the farthest point of each floor should be provided with shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing of each building/ block/ wing/ tower.
7.	Terrace tank over respective tower terrace	04nos overhead tank of 5000ltrs. of water capacity has been provided.	<p>The system should be connected to an RCC overhead tank of 10,000Ltrs capacity.</p> <p>(The water tank should be kept exclusively for firefighting purpose & syntax tank should not be used)</p>
8.	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not provided.	<p>Recommended to provide Booster pump of capacity 450 LPM.</p> <p>(Further the system should be connected to an alternative source of power supply)</p>



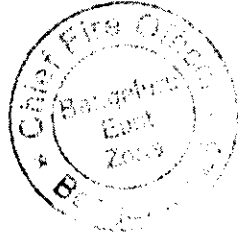
9.	Escape routes	Not provided.	Directions in which the students have to move in the event of any emergency shall be displayed in the corridor on each floor during evacuation.
10.	Fire order (Fire Safety plans)	Not provided.	A notice board have been indicated the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Banashankari Fire Station & 101, 500 550, & 600 and the nearest Ambulance service and Police Station.
11.	No smoking board.	Not displayed.	COTPA Sec-4, direction 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 trained.	At least 40% of the staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerghatta Road, Bangalore - 560029 / Chief Fire Officer, Zone level.
13.	<p><u>Fire precautionary measures :-</u></p> <p>A) Explosive and flammable materials should not be stores in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.</p> <p>B) Accumulation of combustibile waste in and 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 stores 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 doors shall not be locked from inside to outside.</p> <p>G) 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 April 14th of every year be conducting Fire Safety drills with co-ordinate Fire Service department.</p>		



Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "M/s. National Hill View Public School, Sy. No:275/3 & 275/4, Halagevaderahalli, Ideal Homes Township, Rajarajeshwari Nagar, Bengaluru - 560 098". subject to condition and compliance of the above recommendations in Column-4 of Part-B within 3 months and compliance from the undersigned.

"This Fire Safety Recommendation is valid for only one year from the date of issue and it 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,

[Handwritten Signature] 15/1/21
Chief Fire Officer
Bengaluru East Zone
Bengaluru

Copy to:
The District Fire Officer,
Banashakari Fire Station, Bengaluru.