

Karnataka Fire and Emergency Services Department



Office of the Chief fire officer,
Bangalore west zone, High-ground fire station premises,
Sheshadri road, Bangalore – 560 009.



No. 365 /CFO/BWZ/2020

080 22971523 / 500 / 600. Fax : 080 – 22971523.

08 -07-2020

To,

**The Authorized Signatory,
Vyasa International School,
No. 1527/101/2,
BEL North Gate, Vidyananyapura,
Bengaluru.**

Sir,

Sub : Issue of '**Fire safety Recommendation**' to **Vyasa International School** at No. 1527/101/2, BEL North Gate, Vidyananyapura, Bengaluru.

Ref: Your letter Dated 16-06-2020.

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With reference to the subject above cited, the premises of **Vyasa International School** situated at No. 1527/101/2, BEL North Gate, Vidyananyapura, Bengaluru was inspected by District Fire Officer, Yeshwanthpura Fire Station on 17-06-2020 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under;

ANNEXURE-B

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.	:	<u>The Authorized Signatory, Vyasa International School, No. 1527/101/2, BEL North Gate, Vidyananyapura, Bengaluru.</u>
02.	Name and Address of the premises.	:	<u>Vyasa International School, No. 1527/101/2, BEL North Gate, Vidyananyapura, Bengaluru.</u>



03.	Name & address of the building owner	:	<u><i>Vyasa International School,</i></u> <i>No. 1527/101/2,</i> <i>BEL North Gate, Vidyananyapura,</i> <i>Bengaluru.</i>
04.	Number of buildings	:	One building.
05.	Number of floors	:	Ground & 03 upper floors
06.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Class rooms.
	1 st floor	:	Class rooms
	2 nd floor	:	Class rooms
	3 rd floor	:	Computer lab, laboratory & music room.
07.	Height of the building	:	14.20 mtrs.
08.	Site area	:	9105.39 Sq. mtrs
09.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	1575.27 Sq. mtrs
	1 st floor	:	1455.29 Sq. mtrs
	2 nd floor	:	1428.25 Sq. mtrs
	3 rd floor	:	1016.63 Sq. mtrs
10.	Total built-up area	:	5475.44 Sq. Mtrs.
11.	<u>Surrounding properties:-</u>		
	East	:	Private property
	West	:	Private property
	North	:	12.00 mtrs wide road
	South	:	BEL property
12.	<u>Open space all around the building:-</u>		
	East	:	Min 10.00 mtrs
	West	:	06.90 mtrs
	North	:	02.00 mtrs
	South	:	04.90 mtrs
Allowed setbacks (open space) should be maintained free from further obstruction / construction			



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 12.00 mtrs wide Vidyaranyapura road located on the Northern side and hard enough to carry the weight of water tender.	Adequate																					
02.	Number of entrances	One entry of 06.00 mtrs width has been provided.	Complied.																					
03.	Diesel generator	Not provided.	One adequate capacity of generator should be provided & it should be connected to alternative power supply for all emergency provisions.																					
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>:</td> <td>02</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>02.00 mtrs</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>32 CMS</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>16 CMS</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>13 nos</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>01.00 mtrs</td> </tr> <tr> <td>Head room clearance</td> <td>:</td> <td>03.40 mtrs</td> </tr> </table>	Nos. of staircases	:	02	Width of staircases	:	02.00 mtrs	Width of treads	:	32 CMS	Height of risers	:	16 CMS	Nos. of riser per flight	:	13 nos	Height of handrails	:	01.00 mtrs	Head room clearance	:	03.40 mtrs	Complied.
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05.	Portable extinguishers	11 ABC type fire extinguishers, each of 04.50 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>																					



06.	Hose reel hose system	Not provided	02 Hose Reel Hose near each staircase .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	Direction in which the students have to move in the event of an emergency has been displayed in the corridor on each floor during evacuation.	Complied
10.	Fire order (Fire safety plans)	A notice board Have been indicated the action should be taken by the employees in case of any emergency has been displayed with the telephone number of Yeshwanthpura fire station i.e 080 -22971544 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.	Complied



11.	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
12.	<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 & electrical sum panel premises.</p> <p>B. Accumulation of combustible 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 doors shall not be locked from inside to out side.</p> <p>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.</p>		

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to *Vyasa International School* situated at No. 1527/101/2, BEL North Gate, Vidyananyapura, Bengaluru subject to condition and compliance of the above recommendations in column -4 of serial – B and compliance to 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


Chief Fire Officer

Bangalore West, Sheshadri Road,
Highground Fire Station Premises,
Bangalore - 560 002