

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



No.109/CFO/BWZ/2022

14-02-2022

To,

**The Authorized Signatory,
Podar International School,
Sy. No. 85, Chikka Kodigehalli,
Off Magadi Road, Yeshwanthpura Hobli,
Bengaluru 560 091.**

Sir,

Sub : Issue of 'Fire safety Recommendation' to **Podar International School**
*Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwanthpura Hobli,
Bengaluru.*

Ref: Your letter Dated 05-02-2022.

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With reference to the subject above cited, the premises of **Podar International School**, situated at *Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwanthpura Hobli, Bengaluru* was inspected by undersigned on 11-02-2022 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

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 Authorized Signatory, Podar International School, Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwanthpura Hobli, Bengaluru 560 091.
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02.	Name and Address of the premises.	:	Podar International School, Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwahtpura Hobli, Bengaluru 560 091.
03.	Name & address of the building owner	:	Podar International School, Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwahtpura Hobli, Bengaluru 560 091.
04.	Number of buildings	:	One building only
05.	Number of floors	:	Ground & 3 upper floors.
06.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	7 class rooms, computer lab, medical room, canteen, PT room, principal room, head master room, conference room, staff room & reception room.
	1 st floor	:	Library, science lab, Yoga / Meditation room, coordinator room, activity room & 7 class rooms.
	2 nd floor	:	12 class rooms
	3 rd floor	:	12 class rooms
07.	Height of the building	:	13.40 mtrs
08.	Site area	:	6332.22 Sq. Mtrs
09.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	2921.00 Sq. mtrs
	1 st floor	:	2921.00 Sq. mtrs
	2 nd floor	:	2921.00 Sq. mtrs
	3 rd floor	:	2921.00 Sq. Mtrs
10.	Total built-up area	:	11684.00 Sq. Mtrs.
11.	<u>Surrounding properties:-</u>		
	East	:	Garden & open land
	West	:	12.00 mtrs wide road
	North	:	Vacant land.
	South	:	Club & restaurant building



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 abutting from 12.00 mtrs wide road located on the western side & it is hard enough to carry the weight of water tender.	Adequate																		
02.	Number of entrances	One main entry of 07.60 mtrs width has been provided.	Complied.																		
03.	Diesel generator	One generator of 62.50 KVA capacity has been provided & it is connected to all the staircase lighting, corridor lighting & other utilities.	Complied																		
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>1. 01.50 mtrs 2. 01.20 mtrs</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>30 Cms</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>15 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>10 Nos</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>01.00 Mtrs</td> </tr> </table>	Nos. of staircases	:	02	Width of staircases	:	1. 01.50 mtrs 2. 01.20 mtrs	Width of treads	:	30 Cms	Height of risers	:	15 Cms	Nos. of riser per flight	:	10 Nos	Height of handrails	:	01.00 Mtrs	Complied
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05.	Portable extinguishers	07 ABC type fire extinguishers, each of 4 kgs capacity have been provided in each floor.	<p>A. One water mist & CAFS type fire 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>																		



			One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.
06.	Hose reel hose system	Not provided	One Hose Reel Hose system for every 1000 Sq. mtrs should be provided. Each 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	The 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	The 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 have 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 have been displayed with the telephone number of Sunkadakette fire station i.e 080-22971600 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.	Complied
11.	No smoking board	COTPA Sec-4 directing No Smoking area smoking here is an offence board should be written in English & Kannada both language has been prominently displayed at inside the entry / exit of the each floor.	Complied
12.	Fire fighting training	3 employees have undergone trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore	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
13.	<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 **Podar International School**, situated at *Sy. No. 85, Chikka Kodigehalli, Off Magadi Road, Yeshwanthpura Hobli, Bengaluru* 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


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