



KARNATAKA STATE FIRE AND EMERGENCY SERVICES



Office of the District Fire Officer, Sunkadakatte Fire Station, Channenahalli, Magadi Main Road,
Bengaluru-562 130. © 080-29554101.

No.22/FSR/DFO/SKFS/2024

Date: 28-06-2024

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. Podar International School,
Sy. No.85, Chikka Kodigehalli,
Off. Magadi Main Road,
Yeshwanthapura Hobli,
Bengaluru-560 091.

Sir,

Sub : Issue of '**Fire Safety Recommendation**' for low rise educational building constructed & occupied at M/s. Podar International School, Sy.No.85, Chikka Kodigehalli, Off. Magadi Main Road, Yeshwanthapura Hobli, Bengaluru-reg.

Ref : Your request letter dated 16-05-2023.

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With reference to the subject cited above, the premises of **M/s. Podar International School** situated at **Sy.No.85, Chikka Kodigehalli, Off. Magadi Main Road, Yeshwanthapura Hobli, Bengaluru-560 091** was inspected by Fire Station Officer, Sunkadakatte Fire Station on 17-05-2024 with respect to Fire prevention, Firefighting and Eyacuation measures to be complied in the above premises and has submitted the details as under:

A. Details of the building / premises :-

01	Name and Address of the Applicant.	: The Authorized Signatory M/s. Podar International School, Sy.No.85, ChikkaKodigehalli, Off. Magadi Main Road, Yeshwanthapura Hobli, Bengaluru-560 091.
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02	Name and Address of the premises.	:	M/s. Podar International School, Sy.No.85, ChikkaKodigehalli, Off. Magadi Main Road, YeshwanthapuraHobli, Bengaluru-560 091.
03	Name and address of the Building owner	:	The Authorized Signatory M/s. Podar International School, Sy.No.85, ChikkaKodigehalli, Off. Magadi Main Road, Yeshwanthapura Hobli, Bengaluru-560 091.
04	Number of buildings	:	One Building
05	Number of floors	:	Ground & 03 Upper Floors.
06	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	07-Class rooms, Computer Lab, Medical room, Canteen, PT room, Principal room, Head Master room, Conference room, Staff room and Reception room.
	1 st floor	:	Library, Science Lab, Yoga/Meditation room, Coordinator room, Activity room and 7 Class rooms.
	2 nd floor	:	12 Class rooms.
	3 rd floor	:	12 Class rooms.
07	Height of the building	:	13.25 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	:	11,684.00 Sq. mtrs.
11	<u>Surrounding properties:-</u>		
	East (Side)	:	Garden and open land.
	West (Side)	:	12.00 mtrs wide Cross road.



North (Front)	:	Vacant land.
South (Rear)	:	Club and Restaurant building.

B. On inspection of this Educational premises, the following fire prevention, firefighting 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 Cross road located on the western side and the road is hardened to carry the load of 45,000 kgs.	The requirement complied with																		
02	No. of entrances	01 no. of entrances 7.80 mtrs. width have been provided.	The requirement complied with																		
03	Width of entry / exit	01 no. of exit 7.80mtrs. width have been provided.	The requirement complied with																		
04	Diesel generators.	01 no. of 62.5 KVA capacity have been provided & Connected to all the staircase lighting, corridor lightings and other utilities.	The requirement complied with																		
05	No. of staircases available	<table><tr><td>No. of Staircases</td><td>:</td><td>02 nos. of staircases</td></tr><tr><td>Width of staircases</td><td>:</td><td>Each of 1.30 mtrs width</td></tr><tr><td>Width of treads</td><td>:</td><td>Each of 29 cms</td></tr><tr><td>Height of risers</td><td>:</td><td>Each of 15 Cms</td></tr><tr><td>No. of riser per flight.</td><td>:</td><td>Each of 19 nos.</td></tr><tr><td>Height of handrails.</td><td>:</td><td>Each of 92 cms.</td></tr></table>	No. of Staircases	:	02 nos. of staircases	Width of staircases	:	Each of 1.30 mtrs width	Width of treads	:	Each of 29 cms	Height of risers	:	Each of 15 Cms	No. of riser per flight.	:	Each of 19 nos.	Height of handrails.	:	Each of 92 cms.	The requirement complied with
No. of Staircases	:	02 nos. of staircases																			
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Height of handrails.	:	Each of 92 cms.																			
06	Fire extinguisher	<p>Portable fire extinguishers inside the building. The details as indicated below.</p> <table><tr><td>Floors Details</td><td>ABC 4 kgs</td><td>CO₂ 4 kg</td></tr><tr><td>Ground Floor</td><td>07</td><td>02</td></tr><tr><td>1st Floor</td><td>07</td><td>--</td></tr><tr><td>2nd Floor</td><td>07</td><td>--</td></tr><tr><td>3rd Floor</td><td>07</td><td>--</td></tr><tr><td>Total</td><td>28</td><td>02</td></tr></table>	Floors Details	ABC 4 kgs	CO ₂ 4 kg	Ground Floor	07	02	1 st Floor	07	--	2 nd Floor	07	--	3 rd Floor	07	--	Total	28	02	Complied.
Floors Details	ABC 4 kgs	CO ₂ 4 kg																			
Ground Floor	07	02																			
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3 rd Floor	07	--																			
Total	28	02																			



07	First aid Hose reel hose.	Not provided.	Recommended to provide 03 Nos. Hose Reel hoses of Minimum 19 mm size of adequate length to reach the farthest point shall be provided at each floor with a shut off branch having a nozzle of 5 mm size.
08	Terrace tank over respective tower terrace.	Not provided.	Each system should be connected to an over head tank of 10,000 ltrs capacity.
09	At the terrace tank level with minimum pressure of 3.5 kg/Cm ²	Not provided.	Each system should be connected to a booster pump of 450 LPM capacity. Further the system should be connected to an alternative source of power supply.
10	Escape routes	“ Exits& Emergency Exit” Signage’s written in bold letters marked in luminous paints have been indicated in the corridor/passage on each floor as a guide during evacuation near the staircases and near exits in each floor of this building.	Complied.
11	Nominate one Fire Nodal Officer	-----//-----	A Fire nodal officer Shall be nominated either from teaching or non teaching staff .
12	Fire order	A notice board indicating the action to be taken by the employees in case of an emergency with telephone number of Sunkadakatte Fire Station i.e. 080-29554101 & fire Control room nos. 080-22971600, 550, 500 & 101 telephone numbers of nearest Ambulance Services etc.	Complied.



13	Firefighting training	Not imparted.	40% of the employees should be trained in fire prevention & Fire Fighting at the R.A Mundkur fire and Emergency Services Academy, B.G Road, Bengaluru.
11)	<u>General Fire precaution measures :-</u> 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 be not 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 teacher and staff 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 14 th of every year by conducting fire safety drills with co-ordinate with Fire Service Department. H. This Fire Safety Recommendation is issued from the fire prevention, fire fighting and evacuation measures. Karnataka State Fire & Emergency Services Department is not responsible for the ownership of the land, its location and other disputes, which may arise in due course.		

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to M/s. Podar International School, situated at Sy.No.85, Chikka Kodigehalli, Off. Magadi Main Road, Yeshwanthapura Hobli, Bengaluru-560 091 subject to condition and compliance of the above recommendations in column-4 of part-B within 3 months 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 3.1.8 of Fire and Life safety will have to be complied with Mandatorily.



Yours faithfully
[Signature]
 District Fire Officer (Fire Prevention)
 Karnataka State Fire & Emergency Services
 Sunkadakatte Fire Station,
 Bengaluru-562 130.