



KARNATAKA STATE FIRE AND EMERGENCY SERVICES



Office of the District Fire Officer, Anjanapura Fire Station, Bengaluru-560 108.

No. 37/FSR/DFO/AFS/2024

Date:29-06-2024

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. Pinakini Educational Trust®
(Leaders' International School & College)
Behind Raymond factory, Bypass road,
Gundapura, Gowribidanur Taluk,
Chikkaballapur Distirct-561 208.

Sir,

Sub : Issue of '**Fire Safety Recommendation**' for low rise educational building constructed & occupied at M/s. Pinakini Educational Trust® situated at Leaders' International School & College situated at Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur-reg.

Ref : Your request letter dated 26-06-2024.

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With reference to the subject cited above, the premises of M/s. Pinakini Educational Trust® situated at Leaders' International School & College, Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur Distirct-561 208 was inspected by me on 28-06-2024 with respect to Fire prevention, Firefighting and Evacuation 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. Pinakini Educational Trust® (Leaders' International School & College) Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur Distirct-561 208.
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02)	Name and Address of the premises.	:	M/s. Leaders' International School & College Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur Distirct-561 208.
03)	Name and address of the Building owner	:	The Authorized Signatory M/s. Pinakini Educational Trust® (Leaders' International School & College) Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur Distirct-561 208.
04)	Number of buildings	:	One Building.
05)	Number of floors	:	Ground and 03 upper floors.
06)	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	22-Class rooms, Office room, Principle room, 02-Staff rooms, Boy's & Girl's Toilet rooms.
	1 st floor	:	22-Class rooms, 01-Staff rooms, Boy's & Girl's Toilet rooms.
	2 nd floor	:	22-Class rooms, 02-Labs, Boy's & Girl's Toilet rooms.
	3 rd floor	:	22-Class rooms, 02-Labs, Boy's & Girl's Toilet rooms.
07)	Height of the building	:	14.50 mtrs.
08)	Site area	:	4.25 Acres
09)	<u>Built-up area of each floor:-</u>		
	Ground floor	:	1484.59 Sq. mtrs
	1 st floor	:	1311.69 Sq. mtrs
	2 nd floor	:	1484.59 Sq. mtrs
	3 rd floor	:	1311.69 Sq. mtrs
10)	Total built-up area	:	5592.56 Sq. mtrs.
11)	<u>Surrounding properties:-</u>		
	North (Front)	:	Private Residential Layout



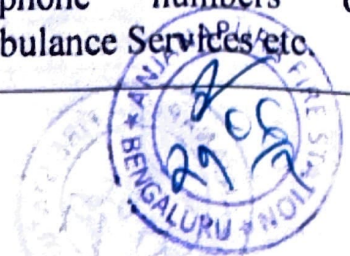
South(Rear)	:	Private Residential Layout
East (Side)	:	16.00 mtrs wide Madhugiri Bypass road.
West (Side)	:	Agriculture land belongs to Applicant

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 16.00 mtrs wide Madhugiri Bypass road located on the northern side and the road is hardened to carry the load of 45,000 kgs.	Adequate																		
02)	No. of Entrances Width of Entry/Exit	The building is directly abutting from road located on the northern side.	The requirement is Complied.																		
03)	Diesel generators.	01 no. of 25 KVA capacity have been provided & Connected to all the staircase lighting, corridor lightings and other utilities.	The requirement is Complied.																		
04)	No. of staircases available	<table border="1"> <tr> <td>No. of Staircases</td> <td>:</td> <td>04 nos.</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>Each of 1.80 mtrs.</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>Each of 30 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 11 nos.</td> </tr> <tr> <td>Height of handrails.</td> <td>:</td> <td>Each of 1.30 mtrs.</td> </tr> </table>	No. of Staircases	:	04 nos.	Width of staircases	:	Each of 1.80 mtrs.	Width of treads	:	Each of 30 cms	Height of risers	:	Each of 15 Cms	No. of riser per flight	:	Each of 11 nos.	Height of handrails.	:	Each of 1.30 mtrs.	The requirement is Complied.
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05)	Fire extinguisher	Portable fire extinguishers inside the building. The details as indicated below. <table border="1"> <thead> <tr> <th>Floors Details</th> <th>ABC 4 kgs</th> <th>CO₂ 4 kg</th> </tr> </thead> <tbody> <tr> <td>Ground Floor</td> <td>04</td> <td>02</td> </tr> <tr> <td>1st Floor</td> <td>04</td> <td>--</td> </tr> </tbody> </table>	Floors Details	ABC 4 kgs	CO ₂ 4 kg	Ground Floor	04	02	1 st Floor	04	--	Complied									
Floors Details	ABC 4 kgs	CO ₂ 4 kg																			
Ground Floor	04	02																			
1 st Floor	04	--																			



		2 nd floor	04	01	
		3 rd floor	04	01	
		Total	16	04	
06)	First aid Hose Reel Hose.	02 nos. of Hose Reel Hose near each staircase the hose reel hose of Minimum 19 mm size of adequate length to reach the farthest point of each floor have been provided. shut off branch having a nozzle of 5 mm size. The hose reel hose have been connected at each landing.			Complied.
07)	Terrace tank over respective tower terrace.	The Terrace tank of 10,000 liters capacity have been provided.			Complied.
08)	At the terrace tank level with minimum pressure of 3.5 kg/Cm ²	The system have been connected to a Booster pump of 900 lpm capacity. Further the systems have been connected to an alternative source of power supply.			Complied.
09)	Fire Siren	A Fire Siren have been installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.			Complied.
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)	Fire order	A notice board indicating the action to be taken by the employees / students 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.



12)	No Smoking Board	COTPA Sec-4 direction No Smoking area smoking is an offence board have been provided and written in English & Kannada both languages have been prominently displayed at inside the entry/exit of the each floor.	Complied.
13	Nominate one Fire Nodal Officer	The school authority has been nominated Sri. Murthy has a fire nodal officer.	Complied.
14)	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.
15)	<p><u>General Fire precaution 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 combustibile 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 be not 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 outside.</p> <p>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 14th of every year by conducting fire safety drills with co-ordinate with Fire Service Department.</p>		



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. Pinakini Educational Trust® situated at Leaders' International School & College, Behind Raymond factory, Bypass road, Gundapura, Gowribidanur Taluk, Chikkaballapur Distirct-561 208 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 Table 7(11) 3.1.3 of Fire and Life safety will have to be complied with Mandatorily.

Yours faithfully


DISTRICT FIRE OFFICER
Anjanapura Fire Station,
BENGALURU - 560 108.