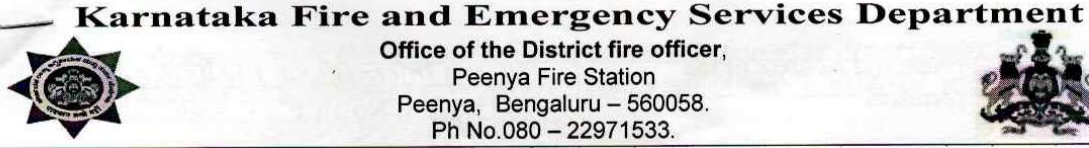


Copy of the Fire Safety Certificate issued by District Fire Officer, Bengaluru



No.22/FSR/DFO/PFS/2023.

13-06-2023.

To,

*The Authorized Signatory,
M/s.Zen International Public School
No.15/1,2,3, No.16/1,2,3, Andrahalli main road
Vishwaneedam Post, Bengaluru-560091.*

Sir,

Sub: Issue of Fire safety recommendation to *M/s.Zen International Public School* situated at *No.15/1,2,3, No.16/1,2,3, Andrahalli main road Vishwaneedam Post, Bengaluru-560091.*

Ref: Your letter dated:12-06-2023.

*****_****

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)

With reference to the subject above cited, the premises of *M/s.Zen International Public School* situated at *No.15/1,2,3, No.16/1,2,3, Andrahalli main road, Vishwaneedam Post, Bengaluru-560091* was inspected by the District Fire Officer, Peenya Fire Station on 13-06-2023 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the premises and the details as under:-

A. Details of the building / premises :-

01	Name and Address of the Applicant.	: <i>The Principal M/s.Zen International Public School No.15/1,2,3, No.16/1,2,3, Andrahalli main road, Vishwaneedam Post, Bengaluru-560091.</i>
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Secretary



02	Name and Address of the premises.	:	<u>M/s.Zen International Public School</u> No.15/1,2,3, No.16/1,2,3, Andrahalli main road, Vishwaneedam Post, Bengaluru-560091.
03	Name and address of the Building owner	:	<u>Mr.K.Venkatesh Murthy,</u> <u>M/s.Zen International Public School,</u> No.15/1,2,3, No.16/1,2,3, Andrahalli main road, Vishwaneedam Post, Bengaluru-560091.
04	Number of buildings	:	01 Building Only.
05	Number of floors:-	:	Ground and 02 Upper floor.
06	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	01 office & 10 class rooms.
	1 st floor	:	12 class rooms.
	2 nd floor	:	12 class rooms.
07	Height of the building	:	09.50 Mtrs
08	Site area	:	04 Acres 20 Guntas.
09.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	852.50 Sq.Mtrs.
	1 st floor	:	852.50 Sq.Mtrs.
	2 nd floor	:	852.50 Sq.Mtrs.
10.	Total built-up area	:	2557.50 Sq.Mtrs.
11.	<u>Surrounding properties:-</u>		
	North (Front)	:	14.00 Mtrs wide Andrahalli main road.
	South (Rear)	:	Private property.
	East (Side)	:	Private property.
	West (Side)	:	Private property.

12.	<u>Set-back area available around the building :-</u>		
	North (Front)	:	Min 06.00 Mtrs.
	South (Rear)	:	Nil.
	East (Side)	:	Nil.
	West (Side)	:	Nil.
	Allowed setbacks (Open space) Should be maintained free from further obstruction/construction		




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B. On inspection of this School/Collage 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 to the premises	The site is accessible from 14.00 mtrs wide Andrahalli main road located on northern side.	Adequate.																					
2.	No. of entrances	01 Entry/Exist of 06.00 Mtrs width have been provided.	Adequate.																					
3.	Diesel Generators	A generator of 32 KVA capacities is available to supply alternate power to all the emergency provision of the building.	Complied.																					
4.	Number of staircases available	<table><tr><td>Nos. of staircases</td><td>:</td><td>02 No's</td></tr><tr><td>Width of staircases</td><td>:</td><td>Each of 1.40 mtrs</td></tr><tr><td>Width of treads</td><td>:</td><td>30 Cm</td></tr><tr><td>Height of risers</td><td>:</td><td>15 Cm.</td></tr><tr><td>Nos. of riser per flight</td><td>:</td><td>09 No's</td></tr><tr><td>Height of handrails</td><td>:</td><td>01.00Mtrs</td></tr><tr><td>Head room clearance</td><td>:</td><td>2.40 Mtrs</td></tr></table>	Nos. of staircases	:	02 No's	Width of staircases	:	Each of 1.40 mtrs	Width of treads	:	30 Cm	Height of risers	:	15 Cm.	Nos. of riser per flight	:	09 No's	Height of handrails	:	01.00Mtrs	Head room clearance	:	2.40 Mtrs	Complied.
Nos. of staircases	:	02 No's																						
Width of staircases	:	Each of 1.40 mtrs																						
Width of treads	:	30 Cm																						
Height of risers	:	15 Cm.																						
Nos. of riser per flight	:	09 No's																						
Height of handrails	:	01.00Mtrs																						
Head room clearance	:	2.40 Mtrs																						
5.	Portable Fire extinguisher	Not provided.	A. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing. B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.																					




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			<p>C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 Sq Mtrs should be provided.</p>
6.	First aid Hose reel hose.	Not provided.	One Hose reel hose near the Staircase. (One Hose reel hose system for every 1000 Sq. mtrs) the hose reel hose of minimum 19 mm size and of 30.00 mtrs length to reach the farthest point of each floor should be provide with a shut off branch having a nozzle of 5 mm size. The hose reel hose should be connected at each landing by means of an adaptor.
7.	Terrace tank over respective tower terrace.	Not provided.	The system should be connected to an over head tank of 5,000 ltrs capacity and Further if basement As provided the tank capacity shall be increased to 10,000 ltrs capacity. (The water tank should be kept exclusively for firefighting)




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8.	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 capable of delivering 450 LPM or of 5 HP capacity. Further the system should be connected to an alternative source of power supply.
9.	Escape route	Not marked.	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.
10.	No smoking board	Not displayed.	COTPA Sec-4 direction No smoking area, Smoking is an offence board should be written in English and kannada both language shall be prominently displayed at inside the entry/exit of each floor.
11.	Fire siren	Not installed.	A fire siren shall be installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.
12.	Nominate one fire Nodal officer	The school authority has been nominated Mr. Venkat Swamy has a fire nodal officer.	Complied.
13.	Fire fighting training	Not trained.	At least 40% of Teaching and non teaching staff should be got trained basic fire fighting at R.A. Mundkur Fire and Emergency Sevices Academy, Bannerughatta road, Bengaluru-560029



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 Zen International Public School
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 Andrahalli Main Road,
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Fire precautionary measures :-

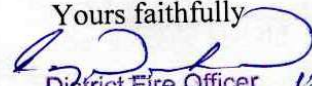
- A. Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.
- B. Accumulation of combustible waste in and around the premises should be avoided.
- C. The exit ways shall be always kept clear without any obstruction.
- D. Liquefied petroleum gas should not be 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 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.

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to ***M/s. Zen International Public School*** situated at ***No.15/1,2,3, No.16/1,2,3, Andrahalli main road, Vishwaneedam Post, Bengaluru-560091.*** 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.

♣ 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


District Fire Officer 13/6/23
Karnataka Fire & Emergency Services
Peenya Fire Station, Bengaluru-560 058


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