

Karnataka Fire and Emergency Services Department



Office of the District fire officer,
Peenya Fire Station, Peenya Fire Station Premises
Peenya, Bengaluru – 560058.
Ph No.080 – 22971533.



No.02/FSR/DFO/PFS/2022.

24-01-2023.

To,

The Secretary,

Sri Srinivasa Charitable Trsut ®

M/s.Harsha International Public School

No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle
NH-4, Nelamangala, Bengaluru Rural-562123.

Sir,

Sub: Issue of **Fire safety recommendation** to M/s.Harsha International Public School situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123.

Ref: Your letter dated:10-01-2023.

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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 to M/s.Harsha International Public School situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123 was inspected by the Fire Station Officer, Nelamangala Fire Station on 17-01-2023 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.	: The Authorized Signatory, <u>M/s.Harsha International Public School</u> situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123.
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02	Name and Address of the premises.	:	<u>M/s.Harsha International Public School</u> situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123.
03	Name and address of the Building owner	:	<i>Secretary</i> <u>M/s.Harsha International Public School</u> situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123.
04	Number of buildings	:	01 Building.
05	Number of floors:-	:	Basement, Ground floor, Ground and 03 Upper floors.
06	<u>Floor-wise details of occupancy:-</u>		
	Basement floor	:	05 Lab rooms & 02 office rooms.
	Ground floor	:	Security room, Board room, 03 class rooms, Admin room & Rest rooms.
	1 st floor	:	06 class rooms, Staff room & Rest rooms.
	2 nd floor	:	07 class rooms, Staff room & Rest rooms.
	3 rd floor	:	07 class rooms, Staff room & Rest rooms.
07	Height of the building	:	12.30 Mtrs.
08	Site area	:	2.1 Acres.
09.	<u>Built-up area of each floor:-</u>		
	Basement floor	:	1035.90 Sq.mtrs.
	Ground floor	:	1035.90 Sq.mtrs.
	1 st floor	:	1035.90 Sq.mtrs.
	2 nd floor	:	1035.90 Sq.mtrs.
	3 rd floor	:	1035.90 Sq.mtrs.
10.	Total built-up area	:	4143.60 Sq.mtrs.
11.	<u>Surrounding properties:-</u>		
	South (Front)	:	16.00 mtrs wide NH-4 Tumkur to Bengaluru main road.
	North (Rear)	:	Private property.
	East (Side)	:	06.00 Mtrs wide mud road.
	West(Side)	:	Property belongs to the applicant.



12.	<u>Set-back area available around the building :-</u>		
	South (Front)	:	Min 6.00 mtrs.
	North (Rear)	:	Min 6.00 mtrs.
	East (Side)	:	Min 6.00 mtrs.
	West(Side)	:	Min 6.00 mtrs.
Allowed setbacks (Open space) Should be maintained free from further obstruction/construction			

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 premises is accessible from 16.00 mtrs wide NH-4 Tumkur to Bengaluru main road located on southern side.	Adequate.																					
2.	No. of entrances	02 entrances.	Adequate.																					
3.	Width of entry/exist	01 of 06.00 Mtrs width and another of 4.50 Mtrs width.																						
4.	Number of staircases available	<table border="1"> <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 1.60 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>12 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>02.60Mtrs</td> </tr> </table>	Nos. of staircases	:	02 No's	Width of staircases	:	Each of 1.60 mtrs	Width of treads	:	30 Cms.	Height of risers	:	15 Cms.	Nos. of riser per flight	:	12 No's	Height of handrails	:	01.00Mtrs	Head room clearance	:	02.60Mtrs	Complied.
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5.	Portable extinguishers	30 ABC fire extinguishers each of 05 Kgs capacity & 20 Co2 fire extinguishers each of 9 liters capacity have been provided.	Complied.																					



6.	Hose reel hose system	Hose reel hose system should be provided near the Staircase. The system 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.	Complied.
7.	Automatic sprinkler system	Automatic sprinkler system with sprinkler heads should be provided at basement area and the system is connected to alternative source of power supply.	Complied.
8.	Terrace tank over respective tower terrace.	The system should be connected to an over head tank of 15,000 ltrs capacity have been provided. (The water tank should be kept exclusively for firefighting)	Complied.
9.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	The system should be connected to an Booster pump capable of delivering 900 LPM. Further the system should be connected to an alternative source of power supply.	Complied.
10.	Diesel generators.	2 Diesel Generator each of 1000 KVA Capacity has been provided to supply alternative power supply for all emergency provision in the building.	Complied.



11.	Escape routes	Escape routes have been displayed with Direction in which the students have to move in the event of an emergency in the corridor on each floor during evacuation.	Complied.
12.	Fire order (fire safety Plans)	A notice boards have been displayed with indicating the details of actions to be taken in case of emergency near each staircase landings with the telephone numbers of nearest Nelamangala Fire Station No's 080-27726570, Central Fire Control Room No's 080-22971500/550/600 and 101and telephone numbers of nearest Ambulance Service.	Complied.
13.	No smoking board	COTPA sec-4 direction No smoking area, Smoking is an offence board has been displayed at inside the entry/exit of each floor in English and kannada language.	Complied.
14.	Fire siren	A fire siren has been installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.	Complied.
15.	Nominate one fire Nodal officer	The school authority has been nominated Mr.M.C.Kantharaju has a fire nodal officer.	Complied.
16.	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, Bangalore



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 **Sri Srinivasa Charitable Trsut @M/s.Harsha International Public School** situated at No.193/1 & 2, Byraveshwaranagar, Sondekoppa Circle NH-4, Nelamangala, Bengaluru Rural-562123. 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 24/1/23
Karnataka Fire & Emergency Services
Peenya Fire Station, Bengaluru-560 058