

06 **Floor-wise details of occupancy:-**

- Ground floor : 6 class rooms, office room, staff room, H.M. room.
- 07 Height of the building : 04.00 mtrs.
- 08 Site area : 2,146.06 Sq.mtrs.
09. Built-up area of each floor:-  
Ground floor : 726.41 Sq.mtrs.
10. Total built-up area : 726.41 Sq.mtrs.
11. Surrounding properties:-  
East (front) : 06.00 mtrs. wide road  
West(Rear) : School play ground  
North (Side) : Vacant land  
South (Side) : Kannada Medium school building of the applicant.

12. **Set-back area available around the building :-**

- East (front) : 13.00 mtrs.  
West(Rear) : 09.00 mtrs.  
North (Side) : Minimum 06.00 mtrs.  
South (Side) : Minimum 06.00 mtrs.

**B. On inspection of this Educational 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 abutting 06.00 mtrs. wide road, located on the eastern side.	Adequate.
02.	No. of entrances	One.	Complied.
03.	Width of entry / exit	06.00 mtrs.	Complied.
04.	Diesel generators.	Not provided.	Not complied. Adequate capacity standby generator shall be connected to corridor lighting, staircase lighting, fire fighting systems to



(01)

(02)

(03)

(05)

5) One ABC powder extinguishers of 6 kgs. near each lab.

6) One CO2 extinguishers of 2 kgs. capacity near each computer lab/library.

All the extinguishers suggested above should be with B.I.S. markings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically.

08. Public address system

Not provided

Not required.

09. First Aid Hose reel hose.

Not provided

Not complied.

As per the requirement one Hose reel hose of 19 mm size and of adequate length to reach the farthest point shall be provided with a shut off branch.

10. Automatic sprinkler system.

Not provided

Not applicable.

11. Terrace tank over respective tower terrace.

Not provided

Not complied.

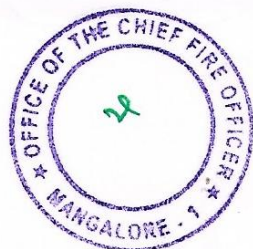
Hose reel hose system shall be connected to an RCC overhead tank of 10,000 litres capacity.

12. At the terrace tank level with minimum pressure of 3.5 kg/cm<sup>2</sup>.

Not provided

Not complied.

Terrace booster pump, capable of delivering 450 litres of water per minute shall be provided to hose reel hose system. The system should also be connected to an alternative source of power supply.



(01)	(02)	(03)	(04)
13.	Fire control room at ground floor.	Not provided	Not complied. Fire Control room shall be on the ground floor of the building.
14.	Escape routes	Not provided	Not complied. Directions in which the students & faculty should have to move in the event of any emergency have to be indicated in the corridor/passage on each floor as a guide during evacuation. These should be in luminous paint.
15.	Fire order	Not provided	Not complied. Notice boards indicating the details of action to be taken in case of any emergency with telephone numbers of Mangaluru Fire Station i.e. 101 & 2211085, 2213192, 2423333 and nearby Ambulance service shall be displayed near staircase landing at each floor.
16.	Fire fighting training	Not trained.	Not complied. 40% of the employees should be got trained in fire prevention and fire fighting at the Karnataka Fire and Emergency Services, Chief Fire Officer's Office, Pandeshwara, Mangaluru – 575 001 or at the R.A.Mundkur Karnataka Fire & Emergency Services Academy, Bannerghatta Road, Bengaluru – 560 029 within 90 days from the date of issue of this <u>'Fire safety recommendation'</u> .



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The Karnataka Fire & Emergency Service Department is issued the 'Fire safety recommendations' in compliance to the undersigned, within 90 days.

❖ 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,

*[Handwritten signature in green ink]*

Chief Fire Officer  
Karnataka State Fire & Emergency Services  
Mangalore

Copy to the District Fire Officer (Fire Prevention), Kadri, Mangaluru.





No.04/FSR/CFO/MD/2017

To

The Correspondent,  
Sri Sharada Higher Primary School,  
Shimanthur, P.O. Kinnigoli,  
Mangaluru Taluk – 574 150.

Sir,

Sub: Issue of '**Fire safety recommendation**' to Sri Sharada Higher Primary School building constructed at Sy.No.54/3, Shimanthur Village, P.O. Kinnigoli, Mangaluru Taluk, Dakshina Kannada District.

Ref: Report No.14/FSR/DFO/KADRI/MNG/2019 dated 06-09-2019.

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With reference to the subject above cited, the premises of Sri Sharada Higher Primary School building, constructed at Sy.No.54/3, Shimanthur Village, P.O. Kinnigoli, Mangaluru Taluk, Dakshina Kannada District was inspected by the District Fire Officer (Fire Prevention), Kadri, Mangaluru on 29-08-2019. The school building was inspected from fire prevention, fire fighting and evacuation point of view. The details of the report and suggestions are as follows:-

**A. Details of the building / premises :-**

- |    |  |   |  |
|----|--|---|--|
| 01 | Name and Address of the Applicant.     | : | Sri Harikrishna Punaroor,<br>The Correspondent,<br>Sri Sharada Higher Primary School,<br>Shimanthur, P.O. Kinnigoli,<br>Mangaluru Taluk – 574 150. |
| 02 | Name and Address of the premises.      | : | Sri Sharada Higher Primary School,<br>Sy.No.54/3, Shimanthur Village,<br>P.O. Kinnigoli, Mangaluru Taluk,<br>Dakshina Kannada District             |
| 03 | Name and address of the Building owner | : | Sri Harikrishna Punaroor,<br>The Correspondent,<br>Sri Sharada Higher Primary School,<br>Shimanthur, P.O. Kinnigoli,<br>Mangaluru Taluk – 574 150. |
| 04 | Number of buildings                    | : | One.   |
| 05 | Number of floors                       | : | Ground floor only.   |



(01)	(02)	(03)	(04)
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			supply power in the event of failure of electric supply in the building.
05.	No. of staircases available	Not applicable.	No remarks.
06.	No. lifts and capacity.	Not applicable.	No remarks
07.	Fire extinguisher	Provided 3 Nos. DCP extinguishers, each of 5 kgs. Capacity.	Not complied. As per the requirement the following portable fire extinguishers should be provided in building; <ol style="list-style-type: none"><li>1) One CO<sub>2</sub> extinguisher of 4.5 kgs. capacity near electrical room.</li><li>2) One 9Litres capacity Portable Hand held "Water Mist &amp; CAFs" fire extinguishers – Jet spray type (Combination) and One ABC powder extinguishers of 6kgs. capacity near transformer.</li><li>3) One 9Litres capacity Portable Hand held "Water Mist &amp; CAFs" fire extinguishers – Jet / spray type (Combination) and One ABC powder extinguishers of 6kgs. capacity near diesel generator.</li><li>4) 9Litres capacity Portable Hand held "Water Mist &amp; CAFs" fire extinguishers – Jet / spray type (combination) every 30 meters at each floor.</li></ol>

