

C.NO/223/ADV/CFO/HBL/2020

To,

President  
Shri Sadguru Sharanabasaveshwar  
Vidya Vardhaka Samsthe,  
Halingali Village, Rabkavi Banahatti Taluk,  
Bagalkot District

Sir,

Sub : Issue of 'Fire safety recommendation/Advice' to Shri Sadguru Sharanabasaveshwar Vidya Vardhaka Samsthe's College, at Plot/Site No.1108, Halingali Village, Rabkavi Banahatti Taluk, Bagalkot District.

Ref : 1) Applicants request letter dated  
2) C.No.902/DFO/Bagalkot/2020 Dated 22/12/2020

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With reference to the subject above cited, the premises of Shri Sadguru Sharanabasaveshwar Vidya Vardhaka Samsthe's College building consisting with ground floor + 1 upper floor situated at Plot/Site No.1108, Halingali village, Rabkavi Banahatti Taluk, Bagalkot District was inspected by the District Fire Officer, Bagalkot on 19/07/2020 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

#### ANNEXURE-B

**"B1& B2 – Schools upto senior secondary level and other institutions"**  
**NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings**

( These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory. )

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

|    |                                    |   |   |
|----|------------------------------------|---|---|
| 01 | Name and Address of the Applicant. | : | President<br>Shri Sadguru Sharanabasaveshwar<br>Vidya Vardhaka Samsthe,<br>Halingali village, Rabkavi Banahatti<br>Taluk, Bagalkot District |
|----|------------------------------------|---|---|



|   |  |   |   |
|---|--|---|---|
| 02  | Name and Address of the premises.                            | : | Shri Sadguru Sharanabasaveshwar<br>Vidya Vardhaka Samsthe's College<br>Plot/Site No.1108, Halingali village,<br>Rabkavi Banahatti Taluk,<br>Bagalkot District |
| 03  | Name and address of the Building owner                       | : | President<br>Shri Sadguru Sharanabasaveshwar<br>Vidya Vardhaka Samsthe,<br>Halingali village,<br>Rabkavi Banahatti Taluk,<br>Bagalkot District                |
| 04  | Number of buildings  | : | 01  |
| 05  | Number of floors   | : | Ground Floor + 1 Upper Floors   |
| <b><u>Floor-wise details of occupancy:-</u></b> |  |   |   |
|   | Ground floor   | : | Class room-08, Auditor room, Reader room, Lab, Room-17  |
|   | First floor  | : | Class room-08, Auditor room, Reader room, Lab, Room-17  |
| 07  | Height of the building                                       | : | 08.10 Mtrs.   |
| 08  | Site area  | : | 1383.56 Sq.mtrs   |
| 09  | Built-up area of each floor:-                                |   |   |
|   | Ground floor   | : | 731.89 Sqmtr  |
|   | First floor  | : | 731.89 Sqmtr  |
|   |  | : |   |
| 10.   | <b>Total built-up area</b>                                   | : | 1463.78 Sqmtr   |
| 11.   | Surrounding properties:-                                     |   |   |
|   | East   | : | Open Area   |
|   | West   | : | Open Area   |
|   | North  | : | Open Area with approach road  |
|   | South  | : | Open Area with approach road  |
| 12.   | <b><u>Set-back area available around the building :-</u></b> |   |   |
|   | East   | : | 03.04 mtr   |
|   | West   | : | 03.04 mtr   |
|   | North  | : | 06.08 mtr   |
|   | South  | : | 06.08 Mtrs.   |

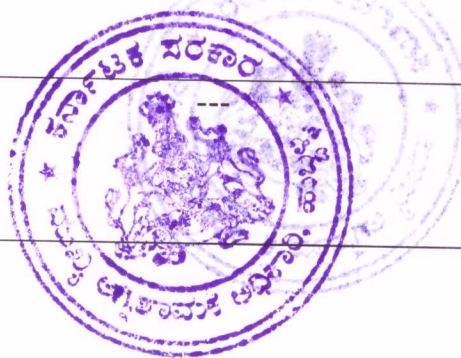
**Note** : Recommended to provide and maintain setbacks as per Local ZR.





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 is abutting by 06.00 mt. wide hard surfaced road. |   |         | Adequate  |
| 02.         | No. of entrances              | 02 nos. of entry & of exit.                                    |   |         | Recommended to provide at least 1 entry & 1 exit.   |
| 03.         | Width of entry / exit         | 03.60 mtrs wide  |   |         | Adequate<br>Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level. |
| 04.         | Diesel generators.            | Provided one Diesel generators 7.5 KVA capacity (01DG)         |   |         | Adequate  |
| 05.         | No. of staircases available   | Nos. of staircases   | : | 02      | Adequate  |
|             |                               | Width of staircases  | : | 1.50 mt |   |
|             |                               | Width of treads  | : | 30 cm   |   |
|             |                               | Height of risers   | : | 15 cm   |   |
|             |                               | Nos. of riser per flight                                       | : | 10      |   |
|             |                               | Height of handrails  | : | 0.90 mt |   |
|             |                               | Head room clearance  | : | 2.80 mt |   |
| 06.         | No. lifts and capacity.       | Nos. of lifts  | : | Nil     | N/A   |
|             |                               | Capacity of lifts  | : | --      |   |
| 07.         | Fire extinguisher             | ---  |   |         | Fire extinguishers required (ABC, CO <sub>2</sub> ) for every 100 sq.mtrs. built up area.             |
| 08.         | Public address system         | ---  |   |         | Recommended to Provide Public address system with talk back facility at each floor of                 |

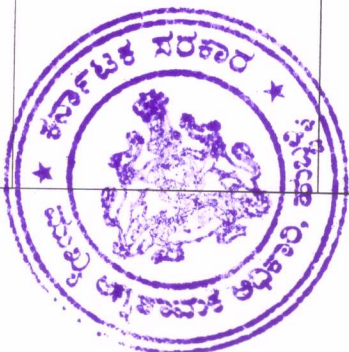


|     |   |   |   |
|-----|---|---|---|
|     |   |   | the College building with its 'control' at the ground floor level at security room.   |
| 09. | First aid Hose reel hose.   | ---   | Recommended to provide Hose reel hose with adequate length near each staircase.   |
| 10. | Automatic sprinkler system.   | ---   | Not required as there is no basement.   |
| 11. | Terrace tank over respective tower terrace.                                 | Provided 01 no. of Over head tank is 10000 ltrs. Capacity & 01 no. of Underground tank is 10000 ltrs. Capacity. | Terrace tank required 10,000 ltrs. Capacity for each down comer system.   |
| 12. | At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> . | ---   | Recommended to provide booster pump of 450 lpm capacity for down comer system.  |
| 13. | Fire control room at ground floor.  | ---   | Recommended to provide fire control room at the entrance/security room .  |
| 14. | Escape routes   | ---   | Recommended to Provide Direction in which the employees/ Students should have to move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits. |
| 15. | Fire order  | ---   | Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of <b>Rabkavi-Banhatti fire station i.e., 08353-</b>     |





|     |                             |   |   |
|-----|-----------------------------|---|---|
|     |                             |   | <b>232101&amp;101</b> telephone numbers of the nearest Ambulance service.   |
| 16. | Fire fighting training      | ---   | At-least 40% of employees shall be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date. And shall be submitted to this office. |
| 17. | Additional recommendations. | <ol style="list-style-type: none"> <li>1. Recommended to provided 01 ABC Extinguisher of 05 kg capacity for every 04 Classrooms, 02 Nos. of ABC Extinguisher of 05 kg capacity to the library &amp; 02 Nos. of CO2 Extinguisher for Store room.</li> <li>2. Recommended to provide 01 CO2 extinguisher of 4.5 kg capacity at the Electrical Panel room And 05 nos. of First Aid boxes at the office.</li> <li>3. Recommended to provide 01 No. of Emergency electric operated siren.</li> <li>4. Petroleum products like LPG, Petrol, etc. shall not be stored in the College Building.</li> <li>5. An awareness program of fire fighting and safety to be conducted in your College for College students and lectures in this regard the management or The Principal of the College should contact the Chief fire Officer Hubli Zone.</li> <li>6. No thatched houses shall be erected in the College premises.</li> <li>7. If kitchen or canteen is provided, it should be in a separate building minimum 15 mts. away from the College building.</li> <li>8. Jump wires and loose connection of electric wirings and inflammable are prohibited.</li> <li>9. Combustible material shall not be stored in the College premises.</li> <li>10. All the equipments shall be periodically examined by the trained staff of College.</li> </ol> |   |



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 3.1.4 of Fire and Life safety will have to be complied with mandatorily.

From the above details it is clear that the 'Management' of the above Educational building have been recommended to provide fire precautionary measures as per **National Building Code 2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2**. After full-filling the above recommendations, a Certificate should be obtained by this office. *If at any time any of the conditions are found not complied with, this Certificate shall stand withdrawn/cancelled..*

Hence, On the report submitted by the District Fire Officer Bagalkot this recommendations is issued to Shri Sadguru Sharanabasaveshwar Vidya Vardhaka Samsthe's college building consisting of Ground Floor + 1 upper floor situated at Plot/Site No.1108, Halingali village, Rabkavi Banahatti Taluk, Bagalkot District.

This certificate is valid for a period of one year from the date of issue of this letter and is renewable.



Yours faithfully,

*[Signature]*  
21/12/2020  
**CHIEF FIRE OFFICER**  
Karnataka State Fire and  
Emergency Services, Hubballi Zone  
HUBBALLI-25.

Copy to the District Fire Officer Bagalkot.

