

Dated: 29/07/2023

No.31(33)/FSR-CC/DFO/SD/2023

To

The Head Master/Principal,
Sri Ramakrishna Vasathi Vidyalaya and
Sri Ramakrishna Vivekananda Residential School,
M L Halli, Sagara tq, Shivamogga Dist

Sir,

Sub: Issue of '**compliance report**' with respect to fire prevention, fighting and evacuation measures maintained : required at "**Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School**" building constructed at Sy no:18, M L Halli, Sagara tq, Shivamogga Dist

- Ref: 1) DFO Office SHIVAMOGGA Advice No.33/FSR/DFO/SMG/2023
Dated:- 24/07/2023.
2) Your letter dated 27/07/2023.

With reference to subject above cited, 'Fire Safety Recommendation' was issued wide reference (1) to the premises of "**Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School**" building with a condition to fulfill the recommendations and compliance the same within 3 months.

With reference cited (2) above, The Head Master/Principal, Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School, M L Halli, Sagara tq, Shivamogga Dist, had requested for the **compliance certificate** from our department. In this regard the District Fire Officer, Shivamogga was inspected on 29/07/2023 to issue Compliance Certificate.

Under the above circumstances the Karnataka Fire & Emergency Services Department is issuing the '**Fire Safety Compliance Certificate**' to "**Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School**" building situated at Sy no:18, M L Halli, Sagara tq, Shivamogga Dist, subject to proper maintenance of fire fighting installations in good working conditions and to arrange the training of 40% of employees within 3 months and to renew the fire safety Recommendation report for every year.

Note: - This Certificate is not considered as a Fire Safety Recommendation Report.

Copy to:

- 1) The DDPI Officer, Shivamogga Taluk and District.



Yours faithfully,

[Signature] 29/7/2023
District Fire Officer
Karnataka Fire & Emergency Services
Fire Station, Shivamogga.

Date : 24/7/2023

TO,

Head Master/Principal ,
Sri Ramakrishna Vasathi Vidyalaya and
Sri Ramakrishna Vivekananda Residential School,
M L Halli, Sagara tq,
Shivamogga Dist

Sir

Sub: issue of fire safety recommendation to "Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School" building constructed at Sy no:18, M L Halli, Sagara tq Shivamogga Dist was inspected by the District fire officer Shivamogga on 21/07/2023 with respect to fire prevention, fire fighting and evacuation measures to be complied in the above premises and the details as under

A. Details of the building / premises :-

01. Name and Address of the Applicant : Head Master/Principal,
Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School, Sy no:18
M L Halli, Sagara tq, Shivamogga Dist
02. Name and Address of the premises : Sri Ramakrishna Vasathi Vidyalaya and Sri Ramakrishna Vivekananda Residential School, Sy no:18
M L Halli, Sagara tq, Shivamogga Dist
03. Name & address of the building owner : Managing Trustee ,
Sri Ramakrishna Gurukulashrama Trust,
M L Halli, Sagara tq, Shivamogga Dist
04. Number of buildings : One
05. Number of floors : Ground +Three upper floors only
06. Floor-wise details of occupancy:-
 - Ground floor : Office room(1), Class rooms(15)
 - 1st floor : Class rooms(18), Laboratory room (02)
 - 2nd floor : Class rooms (15)
 - 3rd floor : Class rooms (14)
07. Height of the building : 14.60 mtrs
08. Site area : 3.00 Acre
09. Built-up area of each floor:-
 - Ground floor : 1058.27 Sq mtr
 - 1st floor : 1058.27 Sq mtr
 - 2nd floor : 1058.27 Sq mtr
 - 3rd floor : 1058.27 Sq mtr
10. Total built-up area : **4233.08 Sq mtr**
11. Surrounding properties:-
 - East (Front) : 06.00 mtr wide road
 - West (Rear) : Hostel
 - North (Side) : Agriculture land
 - South (Side) : Agriculture land
12. Open space all around the building:-



East (Front) : 7.00 Mtrs.
 West (Rear) : Nil
 North (Side) : 15.00 Mtrs
 South (Side r) : Nil

Allowed setbacks (open space) should be maintained free from further obstruction / construction

B. On inspection of this School/College 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 accessible from 6.00 mtrs wide Road, located on Eastern Side The Road is hardened to carry the weight of 45,000 kgs.	Adequate
02.	Number of entrances	One	Adequate
03.	Number of staircase	No. of staircases : 02 Width of staircases : Each 01.00 mtrs Width of treads : Each 0.30 cm Height of risers : Each 0.15 cm No. of risers per flight : Each 07Nos Height of handrails : -	Adequate
04.	Portable extinguishers	Not provided	Not complied

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.

C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.

D. One ABC type fire extinguisher of 06 kgs



capacity should be located as to be available within 15 mtrs. radius.

- | | | |
|-----|---|--------------|
| 05. | Hose reel hose system | Not provided |
| 06. | At the terrace tank level with minimum pressure of 3.5 kg/cm ² . | Not provided |
| 07 | Diesel generator | Not provided |
| 08. | Terrace tank | Not provided |

Not complied

One Hose Reel Hose near the staircase (One hose reel hose system for every 1000 Sq. mtrs). The hose reel hose of min 19 mm size and of 30.00 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.

Not complied

The system should be connected to an booster pump of 450 LPM or of 5 HP capacity

Further the system should be connected to an alternative source of power supply.

Diesel generator of mim 15 KVA capacity should be provided to supply alternative power supply.

Not complied

The system should be connected to an over head tank of 5,000 ltrs capacity and further if basement is provided the tank capacity shall be increased to 10,000 ltrs capacity

(The water tank should be kept exclusively fire fight purpose)

Note: If the existing building is not capable of sustaining the weight of 5,000 / 10,000 ltrs tank capacity provision shall be made to provide water tank on the side of the building with support from ground level by providing RCC column structure or MS Column structure.

If there is no option to provide even the above mentioned



09	Escape routes	Not marked	overhead tank provision shall be made to provide underground water tank of capacity with submersible pump of 5-7 HP capacity.
			Not complied
			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.	Fire order (Fire safety plans)	Not displayed	Not complied
			A notice board have been indicated the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Sagara Fire station i.e. 101, 112, 08183-226800 and the telephone number of nearest ambulance service & Police station.
11.	No smoking board	Not displayed	Not complied
			COTPA Sec-4 direction No Smoking area smoking here is an offence board should be written in English & Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.
12	Fire Siren	Not installed	Not complied
			A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
13	Nominate one Fire Nodal Officer	--	Not complied
			A fire nodal officer shall be nominated either from teaching or non teaching staff.
14.	Fire fighting training	Not imparted	At-least 40% of Teaching and non Teaching staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore or Regional Training centre



15. 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 Ramakrishna Vivekananda Residential School" building constructed at M L Halli, Sagara tq Shivamogga Dist subject to condition and compliance of the above recommendations in column -4 of serial - B within 3 months and compliance to the undersigned. The Applicant has Remitted Rs. 5,000=00 (Rupees Five Thousand Only) Vide challan No.J-108013236 Dated 24/07/2023 At SBI PR Road Davanagere Branch Being Advice Fees.

This **Fire Safety Recommendation** is valid for only one year from the date of issue and it is renewable.

All Requirments Recommended Above Are As per National Building Code (NBC)-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2



Copy to:

01) The DDPI Officer Shivmogga district

Yours faithfully

[Signature] 29/7/2023

District Fire Officer

Karnataka Fire & Emergency Services
Fire Station, Shivamogga.