

No. 42/FSR/DFO/KAR/UK/2024

Date: Dated: 23-08-2024

To

The Principal,  
R.N.S. Vidyaniketan,  
Murdeshwar, Bhatkal Taluk,  
Uttara Kannada District – 581 350.

Sir,

Sub: Issue of 'Fire Safety Recommendation' to R.N.S. Vidyaniketan Primary School building, constructed at Sy.No.348/E, Mavalli-1 Village, Bhatkal Taluk, Uttara Kannada District.

- Ref: 1) This office Revised Fire Safety Recommendation No.81/FSR/DFO/UK/2023 dated 04-09-2023.  
2) Your letter No.RNSVM/214/2024 dated 12-07-2024.

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With reference to the subject above, Revised Fire Safety Recommendation was issued vide reference (1). Now the applicant requested for revised Fire Safety Recommendation vide letter cited at reference (2). The premises of R.N.S. Vidyaniketan Primary School building, constructed at Sy.No.348/E, Mavalli-1 Village, Bhatkal Taluk, Uttara Kannada District was inspected by me on 05-08-2024 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under;

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

01. Name and Address of the Applicant. : The Principal,  
R.N.S. Vidyaniketan,  
Murdeshwar, Bhatkal Taluk,  
Uttara Kannada District – 581 350.
02. Name and Address of the premises. : Sy.No.348/E,  
Mavalli-1 Village, Bhatkal Taluk,  
Uttara Kannada District.
03. Name and address of the Building owner : The Chairman,  
R.N.Shetty Trust (R).,  
Naveen Complex,  
7<sup>th</sup> floor, No.14, M.G. Road,  
Bengaluru – 560 001.
04. Number of buildings : One
05. Number of floors : Basement, ground floor & 02 upper floors.
06. **Floor-wise details of occupancy:-**
- Basement (open type) : Kitchen store, record room, sports room, store room, wash room
- Ground floor : Principal chamber, office room, staff room, 5 labs, 15 class rooms & wash room
- 1<sup>st</sup> floor : 13 class rooms, 3 staff rooms, Xerox room, office room & wash room



- 2<sup>nd</sup> floor : 12 class rooms, 4 labs, 3 staff rooms, function hall, library, office & examination room & wash rooms
07. Height of the building : 12.50 mtrs.
08. Site area : 11,836.89 Sq.mtrs. (2 acres 37 guntas)
09. Built-up area of each floor:-  
 Basement : 1,066.49 Sq.mtrs.  
 Ground floor : 1,978.99 Sq.mtrs.  
 1<sup>st</sup> floor : 1,978.99 Sq.mtrs.  
 2<sup>nd</sup> floor : 1,978.99 Sq.mtrs.
10. Total built-up area : 7,003.46 Sq. mtrs.
11. Surrounding properties:-  
 East (front) : National Highway 66  
 West (rear) : Coconut plantation  
 North (side) : Parking area & canteen  
 South (side) : Play ground
12. Open area available around the building :-  
 East (front) : 28.00 mtrs.  
 West (rear) : 25.00 mtrs.  
 North (side) : 07.60 mtrs.  
 South (side) : 12.50 mtrs.

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. (01)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the premises	The Premises is abutting 18.00 mtrs. wide NH 66, located on the eastern sides and the road is hardened to carry the weight of 45,000 kgs.	Adequate
02.	Number of entrances	One	---
03.	Number of staircase	Nos. of staircases : Three Width of staircases : Each of 1.10 mtr. Width of treads : Each of 0.32 mtr. Height of risers : Each of 0.18 mtr. Nos. of riser per flight : Maximum 13 Nos. Height of handrails : 0.90 mtr.	---



(01)	(02)	(03)	(04)
04.	Portable extinguishers	Not provided.	<p>The following Portable fire extinguishers shall be provided.</p> <p>A. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity &amp; One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board &amp; electrical room.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.</p>
05.	Hose reel hose system	Not provided	<p>2 Hose Reel Hose systems shall be provided. <b>(One hose reel hose system for every 1000 Sq. mtrs).</b> 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.</p>
06.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not provided.	<p>Each system should be connected to an booster pump of 450 LPM or of 5HP capacity. <b>Further the system should be connected to an alternative source of power supply.</b></p>
07.	Diesel generator	Not provided.	<p>Diesel generator of 15 KVA capacity should be provided to supply alternative power supply.</p>
08.	Terrace tank	Not provided.	<p>The systems should be connected to an RCC over head tank of 10,000 ltrs capacity.</p>



(01)	(02)	(03)	(04)
			<p>(The water tank should be kept exclusively fire fighting purpose)</p> <p><b>Note:</b> If the existing building is not capable of sustaining the weight of 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.</p> <p>If there is no option to provide even the above mentioned overhead tank provision shall be made to provide underground water tank of same capacity with submersible pump of 5-7 HP capacity.</p>
09.	Escape routes	Not marked	<p>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.</p>
10.	Fire order (Fire safety plans)	Not displayed	<p>A notice board indicating the action to be taken by the employees in case of any emergency should be displayed along with the telephone number of <b>Bhatkal Fire Station i.e.101, 112, 08385-222140</b> and the telephone number of nearest ambulance service &amp; Police station.</p>
11.	No smoking board	Not displayed	<p>COTPA Sec-4 direction "No Smoking area, smoking here is an offence" board should be written in English &amp; Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.</p>
12.	Fire Siren	Not installed.	<p>A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.</p>



(01)	(02)	(03)	(04)
13.	Nominate one Fire Nodal Officer	--	A fire nodal officer shall be nominated either from teaching or non-teaching staff.
14.	Fire fighting training	5 employees have undergone training in basic fire fighting at office of the Chief Fire Officer, Pandeshwara Fire Station Premises, Mangalore from 28-06-2024 to 29-06-2024.	At-least 40% of Teaching and non Teaching staff should be got trained in basic fire fighting at the Karnataka Fire and Emergency Services, Chief Fire officer's Office, Pandeshwara, Mangaluru – 575001 or at the R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore.

15. **Fire precautionary measures :-**

- Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.
- Accumulation of combustible waste in and around the premises should be avoided.
- The exit ways shall be always kept clear without any obstruction.
- Liquefied petroleum gas should not be stored in the building.
- The doors shall not be kept locked / latched during working hours and shall be free from obstruction.
- During the class hours the class room doors shall not be locked from inside to out side.
- 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 14<sup>th</sup> 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 R.N.S. Vidyaniketan Primary School building, constructed at Sy.No.348/E, Mavalli Village, Bhatkal Taluk, Uttara Kannada District, 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. 22,000-00 (Rupees Twenty two thousand only) on 14-08-2024 vide challan No. CR0824007000275270 at State Bank of India, Murdeshwara Branch, being the Advise fees.

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



Yours faithfully,

*[Signature]* 23/8/24  
**District Fire Officer**  
 Karnataka Fire & Emergency Service  
 Uttara Kannada District, Karwar

Copy to:-

- The Chairman, Central Board of Secondary Education, Preet Vihar, New Delhi - 110092.
- Copy submitted to the DGP & Director General, Karnataka Fire & Emergency Services, Bengaluru for information.