

No.30/Advice/CFO/MD/2015

To

✓ The Principal,  
Anandathirtha Vidyalaya,  
Pajaka, Kunjarugiri,  
Udupi Taluk & District.

Sir,

Sub: Fire prevention, fire fighting and evacuation measures in  
already constructed & functioning School building at  
Sy.No.200, Kurkalu Village, Udupi Taluk & District.

Ref: 1. Report No.10/Bldg./RFO/MR/2015 dated 20-06-2015.  
2. Standing Order No.151 dated 11-01-2011.

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The Regional Fire Officer, Mangaluru Range has inspected Anandathirtha Vidyalaya building, constructed at Sy.No.200 Kurkalu Village, Kaup Hobli, Udupi Taluk & District on 25-05-2015. 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. The details of the premises.**

- |                                      |  |
|--------------------------------------|--|
| 1. Address of the premises           | - Sy.No.200,<br>Kurkalu Village,<br>Kaup Hobli,<br>Udupi Taluk & District. |
| 2. Number of buildings               | - One.   |
| 3. Number of floors                  | - Ground floor & one upper floor   |
| 4. Floor wise details of occupancy : |  |
| Ground floor                         | - 8 Nos. class room.   |
| First floor                          | - Hall, computer room, laboratory, library, medical room and sports room.  |
| 5. Height of the buildings           | - 7.80 mtrs.   |
| 6. Site area                         | - 35.00 acres.   |
| 7. Built-up area of each floor       | : Ground floor - 504.42 Sq.mtrs.<br>First floor - 504.42 Sq.mtrs.          |
|                                      | <b>Total 1,008.84 Sq.mtrs.</b>   |



	(1)	(2)	(3)
	e) Height of hand rails	0.80 mtr.	Not adequate. The hand rails should be of 1.00 mtr. height. The gap between two verticals should not exceed 15 Cms.
	f) Head room clearance	3.00 mtrs.	---
8.	Alternative power supply	Provided one generator of 5 KVA capacity.	No remarks.
9.	Public address system	Not provided.	P.A. system with 2 way communication facilities shall be provided near staircase landing, required to conduct proper evacuation in an emergency.
10.	Portable fire extinguishers	Provided 2 Nos. DCP fire extinguishers.	<p>The available extinguishers shall be provided one near the electrical main switch board and one near the sports room.</p> <p>Apart from the existing portable extinguishers, the following additional fire extinguishers should be provided;</p> <ul style="list-style-type: none"> <li>a) One ABC powder extinguisher of 6 Kgs. capacity near each staircase landing at each floor.</li> <li>b) One CO<sub>2</sub> extinguisher of 2 Kgs. capacity in each computer room/laboratory/library/ medical room.</li> <li>c) One ABC powder extinguisher of 6 kgs. capacity &amp; 2 Nos. fire buckets filled with dry, fine sand near the generator.</li> </ul>
11.	Fire prevention measures	---	<ul style="list-style-type: none"> <li>a) The doors shall not be kept locked/latched during school hours and shall be free from obstructions.</li> <li>b) Accumulation of combustible waste in and around the premises should be avoided.</li> </ul>



(1)	(2)	(3)
13. Capacity of overhead/ underground tank required/provided	One overhead tank of 10,000 liters capacity.	c) Explosive and inflammable materials should not be stored in the premises. d) The stair/exit ways shall be marked and kept clear always without any obstructions.  One underground tank of minimum 10,000 litres capacity should be reserved exclusively to meet the fire fighting requirements in case of emergency.
14. Escape routes	Not marked.	Direction in which the students and faculty shall have to move in the event of any emergency shall be indicated in the corridor.
15. Fire order	Not provided.	Notice boards indicating the details of action to be taken in case of any emergency with telephone numbers of Udupi Fire Station i.e. 0820-2520333 and nearby Ambulance service shall be displayed near each staircase landing of each floor.
16. Training	Not trained.	40% of the employees should be got trained in fire prevention and fire fighting at Karnataka Fire and Emergency Services, Chief Fire officer's Office, Pandeshwara, Mangaluru - 575 001, within 3 months from the date of issue of this advice.

The contents of this advice letter shall not be treated as a NO OBJECTION CERTIFICATE from Karnataka Fire & Emergency Services Department. This is only an advice from fire prevention and fire fighting point of view.

Yours sincerely,



*[Handwritten Signature]*  
**Chief Fire Officer**  
 Karnataka State Fire & Emergency Services  
 Mangalore