



C.NO/116/ADV/DFO/BELAGAVI/2024

Date : 13-05-2024

To,  
The Principal,  
Lourdes School (CBSE),  
Vinayak Nagar, Peeranwadi,  
Belagavi Taluk & District.

Sir,

Sub:- Issue of 'Fire safety recommendation/Advice' to Lourdes School (CBSE), Vinayak Nagar, Peeranwadi, Belagavi Taluk & District.

Ref:- CNo:21/FSO/Belagavi/2024 Date: 04/05/2024.

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With reference to the subject above cited, the premises of **Lourdes School (CBSE)**, building consisting with Ground and 1 Upper floor situated at **Vinayak Nagar, Peeranwadi, Belagavi Taluk & District** was inspected by Fire Station Officer Belagavi on 04-05-2024 with respect to fire Prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

**ANNEXURE-1**

**(Up to 14.99 mtrs. In height)**

**"GROUP-B Educational Buildings**

***NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2.***

**(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	The Principal, Lourdes School (CBSE), Peeranwadi, Belagavi Taluk & District.
02	Name and Address of the Premises	Lourdes School (CBSE) Peeranwadi, Belagavi Taluk & District.
03.	Name and Address of the Building Owner	The Chairman Mr. Anton J Dsouza Lourdes Education Society, Peeranwadi, Belagavi Taluk & District.
04.	Number of Building	01
05.	Number of Floors	Ground & 1 Upper Floor
06.	<b>Floor-wise details of Occupancy:-</b>	
	Ground Floor	Class Room-07, Office Room-01, Computer Lab-01, Staff Room-01 & Store Room-01,
	First Floor	Class Room-09, Laboratory-01 & Library-01
07.	Height of the building	07.80 Mtr
08.	Site area	11.705 Sq.Mtr

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09.	<b>Built-up area of each floor:-</b>	
	Ground floor	1049.46 Sq.mtr
10	First Floor	1049.46 Sq.mtr
11	Total Built-up area	<b>2098.93 Sq.mtr</b>
12.	<b>Surrounding properties:-</b>	
	East	Private land
	West	Service road
	North	Service road
	South	Service road
13.	<b>Open Space all around the building</b>	
	East	01.75 Mtr
	West	Nil
	North	01.55 Mtr
	South	67.80 Mtr
<b>Allowed Setbacks ( open space) should be maintained free from further obstruction/construction.</b>		

**B. On the 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 easily accessible from the Southern side with the road of 06.00 mtr wide.		--
02.	Number of Entrances	01 No. of 04.55 mtr wide gate		--
03.	Number of Staircase	No of staircase	01	The staircase must be free from obstruction all the time.
		Width of the staircase	1.39 Mtr	
		Width of threads	0.30 Mtr	
		Height of risers	0.13 Mtr	
		No of risers per flight	11	
		Height of the hand drill.	No Hand drill	

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04.	Portable Extinguishers	----	<p>A. One water mist extinguisher of 09 ltrs capacity should be kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 09 ltr capacity &amp; one ABC type extinguisher of 06 kgs capacity should be provided near the 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	One Hose reel hose near the staircase <b>(One hose reel hose system for every 1000 sq.mtrs)</b> . The hose reel hose of min 19 mm size and of 30 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 05 mm size. The hose reel hose should be connected at each landing.
06.	At the terrace tank level with minimum pressure of 3.5 kg/cm2	Not Provided	<p>The system should be connected to an booster pump of 450 LPM or of 5 HP capacity.</p> <p><b>Further the system should be connected to an alternative source of power supply.</b></p>
07.	Diesel Generator	Not Provided	Diesel generator of 15 KVA capacity should be provided to supply alternative power supply.
08.	Terrace Tank	01 No. of 3000 Ltr & 01 No of 500 ltr Capacity Over Head Tank Provided	<p>The system should be connected to an over head tank of 5000 ltrs capacity further if basement is provided the tank capacity shall be increased to 10,000 ltrs capacity. <b>(The water tank should be kept exclusively for fire fighting purpose.)</b></p> <p>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.</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 capacity with submersible pump of 5-7 HP capacity.</p>
09.	Escape routes	Not Marked	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	A notice board indicating the action to be taken by the employees in case of any emergency should be displayed with the

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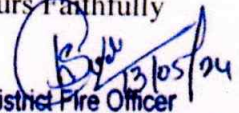


			telephone numbers of Belagavi fire station i.e 0831-2429441 & 101, 080-22971550, 22971500, 22971600 and the telephone nos nearest ambulance services and police station.
11.	No Smoking board	Not Displayed	COPTA Sec-4 direction of No Smoking area, smoking here is an offence board should be written in English & Kannada both languages shall be prominently displayed at inside the entry/exit of the each floor.
12.	Fire Siren	Not Installed	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	--	A Fire Nodal Officer shall be nominated either from teaching or non teaching staff.
14.	Fire Fighting Training	Not Imparted	At least 40% of the Teaching and non Teaching staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore or Regional training centre.
15.	<b><u>Fire Precautionary Measures</u></b> A :- Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory and 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 door shall not be locked from inside to out side. G:- As per Honorable Supreme Court order all teachers and staff shall be trained to handle safety equipments, 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-ordination with the fire services department.		

Under the above circumstance the Karnataka Fire & Emergency Services Department is issuing **"Fire Safety Recommendation"** to **Lourdes School (CBSE), Vinayak Nagar, Peeranwadi, Belagavi Taluk & District**. Subjected to condition and compliance of the above recommendations in column-4 of serial-B within 03 months and compliance to the undersigned.

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

Yours Faithfully

  
District Fire Officer  
Karnataka State Fire And Emergency Services  
Belagavi-01.

Copy to,  
Fire Station Officer, Belagavi.