

# Karnataka Fire and Emergency Services Department



Office of the District fire officer,

Nagarabhavi fire station

Bangalore University Premises, Bangalore - 560 056.

Ph No 080 - 22971614



No.08 FSR/DFO/NBFS/2023.

Date:21-02-2023.

To,

The Principal,

M/S.St.Francis De Sales Public School,

Mailikallu cross, Kumbalagodu Post,

Kengeri Hobli,

Bangaluru-560 074.

Sir,

**Sub:** Issue of Fire safety recommendation to *M/s.St.Francis De Sales Public School, Mailikallu cross, Kumbalagodu Post, Kengeri Hobli, Bangaluru-560 074.*

**Ref:** Your letter dated:-21-01-2023..

\*\*\*\*\*

## ANNEXURE-B

*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)**

\*\*\*\*\*

With reference to the subject cited above, I have inspected the premises of *M/s.St.Francis De Sales Public School, Mailikallu cross, Kumbalagodu Post, Kengeri Hobli, Bangaluru-560 074.* on 25-01-2023 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the premises and the details as under:-

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

|    |                                    |   |
|----|------------------------------------|---|
| 01 | Name and Address of the Applicant. | : The Authorized Signatory<br><i>M/s.St.Francis De Sales Public School,<br/>Mailikallu cross, Kumbalagodu Post,<br/>Kengeri Hobli, Bangaluru-560 074.</i> |
|----|------------------------------------|---|

**MANAGER**

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.

**PRINCIPAL**

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.

|     |   |   |  |
|-----|---|---|--|
| 02  | Name and Address of the premises                | : | <i>M/s.St.Francis De Sales Public School,<br/>Mailikallu cross, Kumbalagodu Post,<br/>Kengeri Hobli,Bangaluru-560 074.</i>   |
| 03  | Name and address of the Building owner          | : | The Athorized Signatory,<br><i>M/s.St.Francis De Sales Public School,<br/>Mailikallu cross, Kumbalagodu Post,<br/>Kengeri Hobli,Bangaluru-560 074.</i>   |
| 04  | Number of buildings                             | : | One Building   |
| 05  | Number of floors                                | : | Ground & 01 upper floor only.  |
| 06  | <b><u>Floor-wise details of occupancy:-</u></b> |   |  |
|     | Ground floor                                    | : | 08 Class room, Principal room, Principal Office room, Staffe room, Office room, Manager room, Science Lab, Sports room, 02 Creche room, Fieds Indie office, Activity room, Stationary room, 02 Store room, VIP Waiting Room and Waiting Lobby. |
|     | First floor                                     | : | 12 Class room, Library Room, Physics Lab, Maths Lab, Computer Lab, Vice Principal room, Counselling room, Dance room, Audio-Visual Room, Language Room, Music room, Arts room & Store Room.  |
| 07  | Height of the buildings:-                       | : | 08.10 Mtrs,  |
| 08  | Site area                                       | : | 18215.40 Sq.mtrs   |
| 09. | Built-up area of each floor:-                   |   |  |
|     | Ground floor                                    | : | 2014.41 Sq.mtrs.   |
|     | 1 <sup>st</sup> floor                           | : | 1910.55 Sq.mtrs.   |
| 10. | Total built-up area                             | : | 3924.96 Sq.mtrs.   |
| 11. | <b><u>Surrounding properties:-</u></b>          |   |  |
|     | East (Front)                                    | : | Subbarayanapalya Main road.  |
|     | West (Rear)                                     | : | Tejas vidhya Peetha School.  |
|     | South (Side)                                    | : | Pravite property.  |
|     | North (Side)                                    | : | Kollur- Manchanahalli 06.80 mtrs wide road.  |

Q  
21/2/23

12. Set-back area available around the building :-

|              |   |               |
|--------------|---|---------------|
| East (Front) | : | 06.80 mtrs    |
| West (Rear)  | : | 06.00 mtrs    |
| South (Side) | : | 06.00 mtrs    |
| North (Side) | : | Playing area. |

Allowed setbacks (Open space) Should be maintained free from further obstruction/construction

**B. On inspection of this School/Collage 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 ) |
|------------|--------------------------------|--|---|-----------------------|
| 1          | Accessibility to the premises  | The premises is accessible from Kollur - Manchanahalli 06.80 mtrs wide road located on Northern side.              |   | Adequate.             |
| 2          | No. of entrances               | 02 Entrances with entry & Exit.  |   | Adequate.             |
| 3          | Width of entry / exit          | 01 Entrance 06.30 mtrs width on Northern side and another one 05.40 mtrs width on eastern side have been provided. |   | Adequate.             |
| 4          | Number of staircases available | Nos. of staircases   | : 03  | Complied              |
|            |                                | Width of staircases  | : One of 1.50 mtrs<br>Another 02 of 1.70 mtrs |                       |
|            |                                | Width of treads  | : 30 Cm                                       |                       |
|            |                                | Height of risers   | : 15 Cm.                                      |                       |
|            |                                | Nos. of riser per flight   | : 10 No's                                     |                       |
|            |                                | Height of handrails  | : 01.00Mtrs                                   |                       |
|            |                                | Head room clearance  | : 02.50Mtrs                                   |                       |

**MANAGER**

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.

**PRINCIPAL**

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.



|    |  |              |   |
|----|--|--------------|---|
| 5. | Portable Fire extinguisher   | Not Provided | <p>A. One water mist extinguisher of 9 ltrs capacity/ABC type extinguisher should be 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 CO<sub>2</sub> 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 provided for every 100 Sq Mtrs should be provided.</p> |
| 6. | First aid Hose reel hose.  | Not Provided | <p>03 Hose Reel Hose system should be near the staircases. Each hose reel hose of min 19mm size and of adequate length to reach the farthest point of each floor should be provided shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.</p>  |
| 7. | Terrace Pump at the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> . | Not Provided | <p>Each Hose reel hose system should be connected to an Booster pump capable of delivering 450 LPM or of 05 HP capacity.</p> <p>Further the system should be connected to an alternative source of power supply.</p>  |

*Manager*  
**MANAGER**

**ST. FRANCIS DE SALES PUBLIC SCHOOL**  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.



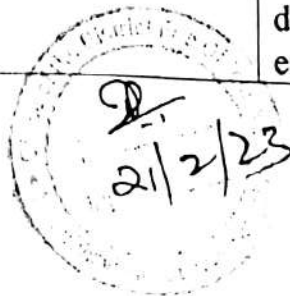
*Principal*  
**PRINCIPAL**

**ST. FRANCIS DE SALES PUBLIC SCHOOL**  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.

|     |   |              |   |
|-----|---|--------------|---|
| 8.  | Terrace tank over respective tower terrace. | Not Provided | Each Hose reel hose system should be connected to an over head tank of 5,000 ltrs capacity and Further if basement As provided the tank capacity shall be increased to 10,000 ltrs capacity.<br>(The water tank should be kept exclusively for firefighting).                 |
| 9.  | Diesel Generators.                          | Not Provided | Adequate Capacity diesel generator should be Provided and it is connected to emergency provisions of the building.  |
| 10. | Escape routes                               | Not Provided | Escape routes and fire exits boards shall be displayed at corridors or passages and appropriate places of the building to guide the students and staff to safer places during emergency or fire.  |
| 11. | Fire order (fire safety Plans)              | Not provided | A notice board indicating the details of actions to be taken in case of emergency should be displayed near each staircase landings with the telephone numbers of our Nagarabhavi Fire Station 080-22971614 or 101 or 112, and telephone numbers of nearest Ambulance Service. |
| 12. | No Smoking board                            | Not provided | COTPA Sec-4 direction No smoking area, Smoking is an offence board should be written in English and kannada both language shall be prominently displayed at inside the entry/exit of each floor.  |

*[Signature]*  
MANAGER

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.



*[Signature]*  
PRINCIPAL

ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074



|     |                                 |                |  |
|-----|---------------------------------|----------------|--|
| 13. | Fire siren                      | Not installed. | A fire siren shall be installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.   |
| 14. | Nominate one fire Nodal officer | Not provided   | The School authority Should be nominate a fire nodal officer for maintaining fire fighting equipments.   |
| 15. | Fire fighting training          | Not trained.   | At least 40% of Teaching and non teaching staff should be got trained basic fire fighting at R.A. Mundkur Fire and Emergency Sevices Academy, Bannerughatta road, Bangalore. |

**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 outside.
- 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 Issue of 'Fire Safety Recommendation' to **M/s.St.Francis De Sales Public School, Mailikallu cross, Kumbalagodu Post, Kengeri Hobli, Bangaluru-560 074** subject to condition and compliance of the above recommendations in column-4 of serial B within 3 months and compliance to the undersigned.

This 'Fire Safety Recommendation' is issued for a period of only one year from the date of issue.

\* All requirements recommended above are as per National Building Code- 2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully,

  
Principal  
21/2/23

  
MANAGER  
ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.

  
PRINCIPAL  
ST. FRANCIS DE SALES PUBLIC SCHOOL  
Mailikallu Cross, Kumbalagodu P.O.  
Kengeri Hobli, Bengaluru - 560074.