



# Karnataka Fire and Emergency Services Department

Office of the Chief fire officer,  
Bangalore west zone, High-ground fire station premises,  
Sheshadri road, Bangalore – 560 009.  
080 – 22971523 / 500 / 600. Fax : 080 – 22971523.



**No.56/ADV/CFO/BWZ/2018**

23-04-2018

To,

The Principal,  
Sri Chaitanya Techno School,  
No. 30/2A, Thirumala Nagar,  
Ashwathanarayana Road,  
Attur, Yelahanka Hobli,  
Bengaluru 560 064.

Sir,

Sub : Issue of '**Fire safety Recommendation**' to Sri Chaitanya techno School, No. 30/2A, Thirumala Nagar, Ashwathanarayana Road, Attur, Yelahanka Hobli, Bengaluru.

Ref: Your letter Dated 29-01-2018.

\* \* \* \* \*

With reference to the subject above cited, the premises of **Sri Chaitanya Techno School**, situated at No. 30/2A, Thirumala Nagar, Ashwathanarayana Road, Attur, Yelahanka Hobli, Bengaluru was inspected by District Fire Officer, Yelahanka Fire Station on 27-03-2018 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-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. )

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

01. Name and Address of the Applicant. : The Principal,  
**Sri Chaitanya Techno School**,  
No. 30/2A, Thirumala Nagar,  
Ashwathanarayana Road,  
Attur, Yelahanka Hobli,  
Bengaluru 560 064.
02. Name and Address of the premises. : **Sri Chaitanya Techno School**,  
No. 30/2A, Thirumala Nagar,  
Ashwathanarayana Road,  
Attur, Yelahanka Hobli,  
Bengaluru 560 064.



03. Name & address of the building owner : *Sri Ashwathanarayana,*  
Thirumala Nagar, Attur,  
Yelahanka Hobli, Bengaluru 560 064.

04. Number of buildings : One building.

05. Number of floors : Ground & 3 upper floors.

06. **Floor-wise details of occupancy:-**

Ground floor : Reception, 06 class rooms, principal chamber, accounts section, DTP, sports room, store room, activity room & toilets.

1<sup>st</sup> floor : 09 class rooms, computer room & toilets.

2<sup>nd</sup> floor : 07 class rooms, staff room, dance room, art & craft room, library, laboratory & toilets.

3<sup>rd</sup> floor : 08 class rooms, auditorium, lab & toilets.

07. Height of the building : 13.50 Mtrs.

08. Site area : 2014.58 Sq. Mtrs

09. **Built-up area of each floor:-**

Ground floor : 738.57 Sq. Mtrs.

1<sup>st</sup> floor : 738.57 Sq. Mtrs.

2<sup>nd</sup> floor : 738.57 Sq. Mtrs.

3<sup>rd</sup> floor : 738.57 Sq. Mtrs.

10. Total built-up area : 2954.28 Sq. Mtrs.

11. **Surrounding properties:-**

East : Open land.

West : 09.00 mtrs wide Ashwathanarayana 1<sup>st</sup> cross.

North : Residential building.

South : Thirumala convention hall.





12. **Open space all around the building:-**

East : 01.70 mtrs  
 West : 01.45 mtrs  
 North : Min 25.00 mtrs  
 South : 05.50 mtrs

**Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.**

**B. On inspection of this School 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 09.00 mtrs wide Thirumalanagar Ashwathanarayana 1 <sup>st</sup> cross road located on the western side.	Adequate
02.	Number of entrances	<b><u>02 entrances</u></b> One entry of 06.00 mtrs width another one of 04.60 mtrs width has been provided.  <b><u>02 exits</u></b> One exit of 05.90 mtrs width another one of 04.60 mtrs width has been provided.	Complied
03.	Diesel generator	Not provided	Not complied One adequate capacity of diesel generator should be provided & it should be connected fixed fire fighting systems.



04. Number of staircase	Nos. of staircases	: 02	Complied
	Width of staircases	: 01.60 mtrs	
	Width of treads	: 30 Cms	
	Height of risers	: 15 Cms	
	Nos. of riser per flight	: 10 No'	
	Height of handrails	: 01.00 Mtrs	
	Head room clearance	: 03.20 Mtrs	

05. Portable extinguishers

**Ground floor**

One ABC type extinguisher of 5 kgs capacity & One CO2 type fire extinguisher of 04.50 kgs capacity have been provided.

**1<sup>st</sup> floor**

02 ABC type extinguishers, each of 5 kgs capacity has been provided.

**2<sup>nd</sup> floor**

02 ABC type extinguishers, each of 5 kgs capacity has been provided.

**3<sup>rd</sup> floor**

02 ABC type extinguishers, each of 5 kgs capacity has been provided.

**In-additional to the existing fire extinguishers**

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.



- |   |               |  |
|---|---------------|--|
| 06. Hose reel hose system   | Not provided  | <p><b>One Hose Reel Hose near each staircase</b> The hose reel hose of min 19 mm 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> |
| 07. Terrace tank over respective tower terrace.                                 | Not provided  | <p>The system should be connected to an over head tank of 10,000 ltrs capacity.</p>  |
| 08. At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> . | Not provided  | <p>The system should be connected to an booster pump of 450 LPM.</p>   |
| 09. Escape routes   | Not displayed | <p><b>Further the system should be connected to an alternative source of power supply.</b></p> <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<br>(Fire safety plans) | A notice board Have been indicated the action should be taken by the employees in case of any emergency have been displayed with the telephone number of Yelahanka fire station i.e 080-080-22796680 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station. | Complied.   |
| 11. No smoking board                  | Not displayed  | COTPA Sec-4 directin 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 fighting training            | Not imparted   | At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore   |



13. **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 out side.
- 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 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 **Sri Chaitanya Techno School**, situated at No. 30/2A, Thirumala Nagar, Ashwathanarayana Road, Attur, Yelahanka Hobli, Bengaluru 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 and is renewable.

♣ 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

  
**Chief Fire Officer**  
 Bangalore West, Sheshadri Road,  
 Highground Fire Station Premises,  
 Bangalore - 560 009.

**FIRE STATION OFFICE, YELAHANKA**  
**BANGALORE - 560064**

From,

Date: 01.08.2018

Fire Station Officer

Yelahanka

Bangalore - 560064

To,

Sri Chaitanya Techno School

Attur Layout, Yelahanka

Bangalore - 560064

This is to acknowledge you that we the fire officer and the staff from the fire station office, Yelahanka Bangalore - 64 has successfully given a demo and imparted training to all the students and staffs of Sri Chaitanya Techno School, Yelahanka Branch Bangalore - 64 on 25/07/2018.

Thanking You,

