

## 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.229/FSR/CFO/BWZ/2020

11-03-2020

To,

**The Authorized Signatory,**  
**Edify School,**  
**Sy. No. 59 Andanappa Layout,**  
**Near Ganapathi Circle Road,**  
**Thammenahalli Village, Hesaraghatta Road,**  
**Bengaluru 560 090.**

Sir,

Sub : Issue of 'Fire safety Recommendation' to **Edify School**  
Situating at **Sy. No. 59, Andanappa Layout, Near Ganapathi Circle,**  
**Acharya College road, Thammenahalli Village, Hesaraghatta road,**  
**Bengaluru**

Ref: Your letter Dated 06-03-2020.

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With reference to the subject above cited, the premises of **Edify School** situated at **Sy. No. 59, Andanappa Layout, Near Ganapathi Circle, Acharya College road, Thammenahalli Village, Hesaraghatta road, Bengaluru** was inspected by District Fire Officer, Peenya Fire Station on 09-03-2020 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 Authorized Signatory, <b><u>Edify School,</u></b> Sy. No. 59 Andanappa Layout, Near Ganapathi Circle Road, Thammenahalli Village, Hesaraghatta Road, Bengaluru 560 090.
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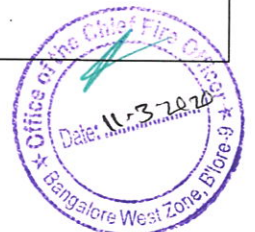
02.	Name and Address of the premises.	:	<b><u>Edify School,</u></b> Sy. No. 59Andanappa Layout, Near Ganapathi Circle Road, Thammenahalli Village, Hesaraghatta Road, Bengaluru 560 090.
03.	Number of buildings	:	One building.
04.	Number of floors	:	Ground & 3 upper floors
05.	<b><u>Floor-wise details of occupancy:-</u></b>		
	Ground floor	:	Reception, LKG, UKG nursery & office rooms.
	1 <sup>st</sup> floor	:	09 class rooms
	2 <sup>nd</sup> floor	:	09 class rooms
	3 <sup>rd</sup> floor	:	09 class rooms
06.	Height of the building	:	14.20 Mtrs.
07.	Site area	:	01 Acres & 05 Guntas
08.	<b><u>Built-up area of each floor:-</u></b>		
	Ground floor	:	3445.83 Sq.Mtrs.
	1 <sup>st</sup> floor	:	3163.86Sq.Mtrs.
	2 <sup>nd</sup> floor	:	3207.14 Sq. Mtrs
	3 <sup>rd</sup> floor	:	3207.14 Sq. Mtrs
09.	<b>Total built-up area</b>	:	<b><i>13023.97 Sq. Mtrs.</i></b>
10.	<b><u>Surrounding properties:-</u></b>		
	East	:	14.00 mtrs wide Thammenahalli main road
	West	:	Private property
	North	:	Private property
	South	:	06.00 mtrs wide Andanappa layout road.



11.	<b><u>Set-back area available around the building :-</u></b>	
	East :	06.00 Mtrs.
	West :	06.00 Mtrs.
	North :	06.00 Mtrs.
	South :	06.00 Mtrs.
<b>Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.</b>		

**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 14.00 mtrs wide Thammenahalli main road located on eastern side & 06.00 mtrs wide Andanappa layout road located on Southern side.	Adequate																					
02.	Number of entrances	One entry of 06.00 mtrs width has been provided.	Complied																					
03.	Generators	Not provided	One adequate capacity of generator should be provided & it should be connected to alternative power supply for all fixed fire fighting systems & emergency lights.																					
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>:</td> <td>02 No's</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>Each of 02.00 Mtrs</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>30 Cms</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>15 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>10 No's</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>01.00 Mtrs</td> </tr> <tr> <td>Head room clearance</td> <td>:</td> <td>02.60 mtrs</td> </tr> </table>	Nos. of staircases	:	02 No's	Width of staircases	:	Each of 02.00 Mtrs	Width of treads	:	30 Cms	Height of risers	:	15 Cms	Nos. of riser per flight	:	10 No's	Height of handrails	:	01.00 Mtrs	Head room clearance	:	02.60 mtrs	Complied.
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05.	Portable extinguishers	Not provided	<p>A. One ABC type fire extinguisher of 06 kgs capacity should be kept for every 50 mtrs in corridor of the building.</p> <p>B. One water mist &amp; CAFS type fire extinguisher of 9 ltrs capacity should be kept near each staircase landing.</p> <p>C. 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>D. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board &amp; electrical room.</p>
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06.	Hose reel hose system	Not provided	Recommended to provide <b>03 Hose Reel Hose near each staircase</b> The 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.
07.	Terrace tank over respective tower terrace.	Not provided	Each, system should be connected to an over head tank of 10,000 ltrs capacity
08.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not provided	Each, system should be connected to an booster pump of 450 LPM. <b>Further the system should be connected to an alternative source of power supply.</b>
09.	Escape routes	Not marked	Direction in which the students have to move in the event of an emergency should be indicated in the corridor on each floor during evacuation.



10.	Fire order (Fire safety plans)	Not displayed	A notice board should be indicated the action should be taken by the employees in case of any emergency with the telephone number of Peenya fire station i.e 080 - 22971545 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.
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.	<p><b><u>Fire precautionary measures :-</u></b></p> <p>A. Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory &amp; electrical sum panel premises.</p> <p>B. Accumulation of combustible waste in and around the premises should be avoided.</p> <p>C. The exit ways shall be always kept clear without any obstruction.</p> <p>D. Liquefied petroleum gas should not be stored in the building.</p> <p>E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F. During the class hours the class room doors shall not be locked from inside or outside.</p> <p>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.</p>
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Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to **Edify School** situated at **Sy. No. 59, Andanappa Layout, Near Ganapathi Circle, Acharya College road, Thammenahalli Village, Hesaraghatta road, Bengaluru** subject to condition and compliance of the above recommendations in column -3 of serial – B within 3 months and compliance to the undersigned.

This **Fire Safety Recommendation** is issued for the period of only one year from date of issue & it 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, Sheshnagari Road,  
 Highground Fire Station, Bangalore  
 Bangalore - 560 009.