



KARNATAKA STATE FIRE AND EMERGENCY SERVICES



Office of the District Fire Officer, Sunkadakatte Fire Station, Channenhalli, Magadi
Main Road, Bengaluru-562 130. ☎ 080-29554101.

No.39/RFSCR/DFO/SKFS/2023.

Date:03-11-2023.

"Annexure-2"

To,
The Authorized Signatory
M/s. Orchids The International School
Sy. No.5/5, Hosahalli Village,
Gollarapalya, Herohalli,
Magadi Main Road,
Bengaluru-560 091.

Sir,

Sub : Issue of "Renewal Fire Safety Compliance Certificate" with respect to fire prevention, firefighting and evacuation measures maintained at M/s. Orchids The International School, Sy. No.5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main Road, Bengaluru-reg.

Ref : 1) CFO-West Office FSR No. 567/FSR/CFO/BWZ/2021, Date:09-09-2021.
2) CFO-West Office CC No. 567/FSR/CFO/BWZ/2021, Date:24-12-2021.
3) This Office No.15/DFO/SKFS/RFSCR/2022, Date:28-10-2022.
4) Your request letter dated: 30-10-2023.

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With reference to the above cited subject, as per reference(1) a conditional Fire Safety Recommendation was issued to the premises of **"M/s. Orchids The International School, Sy. No.5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main Road, Bengaluru-560 091"** with a condition to fulfill the recommendations and compliance the same within 3 months and as per reference(2) the Fire Safety Compliance Report, and reference (3) the Renewal Fire Safety Compliance Certificate was issued for the same.



...02

With reference cited (4) above, the management of “M/s. Orchids The International School” had requested for Renewal Fire Safety Compliance Certificate from our department. In this regard the above school building was re-inspected by Fire Station Officer, Sunkadakatte Fire Station on 02-11-2023 and submitted the report & recommended to issue Compliance Certificate.

Under the above circumstance the Karnataka State Fire & Emergency Services Department is issuing the “Renewal Fire Safety Compliance Certificate” “M/s. Orchids The International School, Sy. No.5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main Road, Bengaluru-560 091” subject to proper maintenance of firefighting installations in the good working conditions and arrange for 40% of staffs/employees training within 03 months from the date of issue of this report.

“This Renewal Fire Safety Compliance Certificate is valid for Only One Year from the date of issue and it is renewable”.



Yours faithfully


District Fire Officer (Fire Prevention)
Karnataka State Fire & Emergency Services,
Sunkadakatte Fire Station,
Bengaluru-562 130





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.567/FSR/CFO/BWZ/2021

09 -09-2021

To,

*The Authorized Signatory,
Orchids International School,
Sy. No. 5/5, Hosahalli Village,
Gollarapalya, Herohalli,
Magadi Main road,
Bengaluru.*

Sir,

Sub : Issue of 'Fire safety Recommendation' to *Orchids the International School* Situated at *Sy. No. 5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main road, Bengaluru*

Ref: Your letter Dated 17-08-2020.

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With reference to the subject above cited, the premises of *Orchids the International School* situated at *Sy. No. 5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main road, Bengaluru* was inspected by District Fire Officer, Sunkadakatte Fire Station on 24-07-2021 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.	:	<i>The Authorized Signatory, Orchids the International School Sy. No. 5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main road, Bengaluru</i>
02.	Name and Address of the premises.	:	<i>Orchids the International School Sy. No. 5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main road, Bengaluru</i>
03.	Number of buildings	:	One building.



04.	Number of floors	:	Ground & 3 upper floors
05.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	16 class rooms, accounts room, 03 counselor cabins, reception, waiting lobby, mangers office, principal office, staff room, communication room, boys and girls toilets rooms & 02 toilets.
	1 st floor	:	19 class rooms, communication room, boys and girls toilets rooms
	2 nd floor	:	19 class rooms, communication room, boys and girls toilets rooms
	3 rd floor	:	19 class rooms, communication room, boys and girls toilets rooms
06.	Height of the building	:	14.65 Mtrs.
07.	Site area	:	4468.77 Sq. mtrs
08.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	1394.05 Sq.Mtrs.
	1 st floor	:	1394.05 Sq.Mtrs.
	2 nd floor	:	1394.05 Sq.Mtrs.
	3 rd floor	:	1394.05 Sq.Mtrs.
09.	Total built-up area	:	5576.20 Sq. Mtrs.
10.	<u>Surrounding properties:-</u>		
	East	:	Vacant land
	West	:	10.00 mtrs wide Hosahalli main road
	North	:	Residential building
	South	:	School play ground and vacant land



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 10.00 mtrs wide Hoshalli main road located on western side hard enough to carry the weight	Adequate										
02.	Number of entrances	The building is directly abutting from 10.00 mtrs wide Hoshalli main road located on western side .	Complied										
03.	Generators	Not provided	Not Complied One adequate capacity of generator should be provided and it should be connected to all emergency lighting & all fire fighting systems.										
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>: 02</td> </tr> <tr> <td>Width of staircases</td> <td>: 01.20 mtrs</td> </tr> <tr> <td>Width of treads</td> <td>: 30 Cms</td> </tr> <tr> <td>Height of risers</td> <td>: 15 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>: 10 No's</td> </tr> </table>	Nos. of staircases	: 02	Width of staircases	: 01.20 mtrs	Width of treads	: 30 Cms	Height of risers	: 15 Cms	Nos. of riser per flight	: 10 No's	Complied
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Nos. of riser per flight	: 10 No's												
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 extinguisher of 9 ltrs capacity should kept near each staircase landing.</p>										



			<p>C. One mechanical foam extinguisher of 9 ltrs capacity & 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 & electrical room.</p>
06.	Hose reel hose system	Not provided	<p>Recommended to provide 02 Hose Reel Hose systems, near each staircase 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.</p>
07.	Terrace tank over respective tower terrace.	Not provided	<p>Each 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 ² .	Not provided	Each system should be connected to an booster pump of 450 LPM. Further the system should be connected to an alternative source of power supply.
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 Sunkadakatte fire station i.e 080 - 29554101& 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.



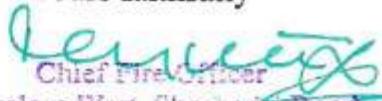
12.	Fire fighting training	03 employees have undergone basic fire fighting training at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore	At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore
13.	<p><u>Fire precautionary measures :-</u></p> <p>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.</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 & 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 14th of every year by conducting Fire Safety drills with co-ordinate with fire service department.</p>		

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to *Orchids the International School* situated at *Sy. No. 5/5, Hosahalli Village, Gollarapalya, Herohalli, Magadi Main 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 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, Sheshanji Road,
 Highground Fire Station Premises,
 Bangalore - 560 009.

