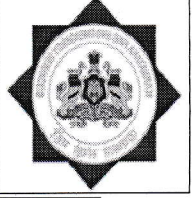




Karnataka Fire & Emergency Services Department

Office Of the District Fire Officer
High Ground Fire Station,
Bengaluru-560009.
Telephone-080-22971 572



No: 10/DFO/HGFS/2023

Dated: 06/07/2023

To,

*The Principal
Daffodils foundation for learning,
16th cross, AESC Layout,
Sanjayanagar,
Bengaluru-94.*

Sir,

Sub: Issue of 'Fire safety Recommendation' For *M/s. Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94.*

Ref:- your letter dated 15/06/2023

With reference to the subject above cited the premises of *M/s. Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94* was inspected by me on 20/06/2022 with respect to fire prevention, firefighting and evacuation measures to be complied in the above premises and has submitted the details as under.

Annexure-B

"Group B-Education Buildings"

{These conditions 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 :-

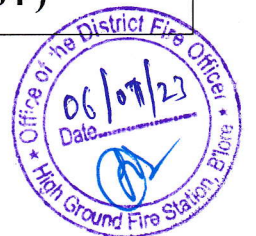
1.	Name And Address Of The Applicant.	:	<i>The Principal Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94.</i>
2.	Name And Address Of The Premises.	:	<i>Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94.</i>



3.	Name And Address Of The Building Owner	:	<i>The authorised signatory, Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94.</i>
4.	Number Of Buildings	:	One Building.
5.	Number Of Floors	:	Basement, Ground and 3 Upper Floors only
6.	<u>Floor-Wise Details Of Occupancy:-</u>		
	Basement	:	Sports room, store room
	Ground Floor	:	2 Labs, canteen, office room
	1 st Floor	:	5 Class rooms, staff room, library, staff room
	2 nd Floor	:	7 Class rooms, staff room, lab, office room
	3 rd floor	:	6 Class rooms, lab, office room
7.	Height Of The Building	:	14.75 Mtrs.
8.	Site Area	:	8090.51 sq.mtrs
	<u>Built-Up Area Of Each Floor:-</u>		
	Basement	:	416.98 sq.mtr
	Ground Floor	:	1050.49 sq.mtrs
	1 st Floor	:	1037.91 sq.mtrs
	2 nd Floor	:	1037.91 sq.mtrs
	3 rd floor	:	1037.91 sq.mtrs
9.	<u>Total Built-Up Area</u>	:	4581.20 sq.Mtrs
10.	<u>Surrounding Properties: -</u>		
	East	:	Applicant property
	West	:	Private properties allotted by BDA
	North	:	P & T colony
	South	:	13 th AECS Layout road and public Park

B. On 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)
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01	Accessibility To the Premises	The Premises is Accessible From 12.00 mtrs wide 13 th cross AECS Layout road located on southern side and It is easy to carry the weight of a fire tender.	Complied.
02	No. Of Entrances	Provided two entry cum exit of width 6.00 mtrs and 4.40 mtrs.	Complied
03	Diesel Generators.	Provided one adequate diesel generator of 63 KVA capacity.	Complied. It should be connected to fixed fire fighting system & emergency lightings
04	No. Of Staircases Available	Nos. Of Staircases :	03 No.
		Width Of Staircases :	1.50 mtrs
		Width Of Treads :	30 Cm
		Height Of Risers :	15 Cm
		Nos. Of Riser Per Flight :	11 No's
		Height Of Handrails :	1.00 mtrs
		Head Room Clearance :	2.80 Mtrs
05	No of lifts and its capacity	No of lifts :	03 nos
		Capacity of lifts :	Each of 544 kgs
06	Portable Fire Extinguishers	25 Nos. ABC Type Extinguishers Each Of 4 Kgs. Capacity And 10 No's Of CO2 Type Fire Extinguishers Each Of 4.5 Kgs Capacity and 04 no's water mist extinguishers each of 9 ltrs capacity have been provided for entire building and 03 nos mechanical foam type of 9 ltrs capacity and 01 no ABC type extinguishers of 06 kgs capacity has been provided near diesel	Complied.



		generator.	
07	Hose Reel Hose System	Hose reel hose system has been installed and the hose reel hose of min 19mm size and of 30.00 mtrs length shall be provided to reach the farthest point of each floor and shut off branch having nozzle of 5mm size. The hose reel hose should be connected at each landing.	Complied.
08	Automatic Sprinkler system	Not provided	Recommended to Automatic sprinkler system with one sprinkler bulb with every 6.69 Sq. mtrs should be provided and the system should be in Basement. Further the system should be connected to an alternative power supply.
09	At the terrace tank level with minimum pressure of 3.5kg/cm ²	One Booster Pump Of 900 Lpm Capacity Have Been Provided	Complied.
10	Terrace Tank Over Respective Tower Terrace.	Provided 15,000 Ltrs Capacity Of Water Tank In Terrace Area.	Complied.
11	Escape Routes	Escape Routes Has Been Marked With Luminous Light/Paint At Each Floor Directing Towards Exits And Emergency Exits	Marked
12	Fire Order (fire safety planes)	Not displayed	Fire Safety Indicating the Details of Actions to Be Taken in Case of Emergency Shall Be Displayed Near Each Staircase



			Landings with The Telephone Numbers of Our High Ground Fire Station 080-22971537, Central Fire Control Room No's 080-22971500/550/600 And 101 Numbers & Telephone Numbers Of Nearest Ambulance Service.
13	No smoking Board	Not displayed	COTPA Sec-4 Direction No Smoking area smoking here is an offence, board have been written in English & kannada both Language has been prominently displayed at inside the entry/exit of each floor
14	Fire siren	Not installed	A Fire siren shall be installed in the premises to inform the students in case of a fire emergency and evacuate the area.
15	Nominate one Fire nodal officer	--	A fire nodal officer shall be nominated either from teaching or non-teaching staff.
16	Fire Fighting Training	Not imparted	At least 40% Of teaching or Non-teaching staff should be got Trained In Basic Fire Fighting Course



			R.A.Mundkur Fire And Emergency Services Training Academy, Bannerghatta Road, Bangalore-29.
17	<p>Fire precautionary measures: -</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 kept clear without any obstruction.</p> <p>D. LPG should be not 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 to 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 14th of every year by conducting fire safety drills with co-ordinate with fire service department.</p>		

Under the above circumstances the Karnataka fire & emergency service department is issuing 'Fire safety recommendation' to *M/s. Daffodils foundation for learning, 16th cross, AESC Layout, Sanjayanagar, Bengaluru-94* Subject to condition and compliance of the above recommendations in column-4 of serial -B within 3 months and compliance to undersigned.

This Fire Safety Recommendation is issued for the Period of only one Year from date of issue and 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 completed with mandatorily.**

Yours Faithfully


District Fire Officer
High Ground Fire Station
Sheshadri Road,
Bengaluru - 560 009.