

Karnataka State Fire And Emergency Services Department

Office of the District fire officer
Karnataka state fire and Emergency Services
Raichur Fire station, Raichur 584102,



C.NO:116/FSR/DFO/RCR/2024

Date: 21/12/2024

"Fire Safety Recommendation"**ANNEXURE-I****Group-B Educational Building**

"B1 And B2- Schools Up to Senior Secondary Level and other institutions"
NBC-2016, Part-4, Table 7 (11) 3. 1. 3 Group-B Educational Buildings

To,

The Authorized Signatory,
The Head Master
Delhi World School,
At. Sy No.943/* /2, 3rd Milecamp Sindhanur,
Taluk: Sindhanur, Dist: Raichur-584128.

Sir/Madam,

Sub:-Issue of "Fire Safety Recommendation" to a Low rise School Building **Delhi World School**, At. Sy No.943/* /2, 3rd Milecamp Sindhanur, Taluk: Sindhanur Dist: Raichur-584128.

Ref : 1.C.No:26/FSO/SFS/2024, Date:19/12/2024.
2. Applicant Request Letter on Dated:18/12/2024.

With reference to the subject above cited, the premises of to **Delhi World School**, At. Sy No.943/* /2, 3rd Milecamp Sindhanur, Taluk: Sindhanur, Dist:Raichur-584128. was inspected by Fire station Officer Sindhanur on Date:19/12/2024 with respect to fire prevention, fire fighting and evacuation measures to be complied premises and Submitted building details as under.

A. Details of the Building/Premises:-

01.	Name and Address of the applicant.	:	Sri.Vijaykumar MD S/o. Sri.Mallanagouda House No:24, Kusthtagi Road KHB Colony, Sindhanur, Taluk.Sindhanur, Dist: Raichur-584128.
02.	Name and Address of the premises.	:	Delhi World School, At. Sy No.943/* /2, 3 rd Milecamp Sindhanur, Taluk: Sindhanur, Dist: Raichur-584128.
03.	Name and Address of the Building owner.	:	Sri.Vijaykumar M.D S/o. Sri.Mallanagouda House No:24, Kusthtagi Road KHB Colony, Sindhanur, Taluk.Sindhanur, Dist: Raichur-584128.
04.	Number of Buildings	:	01 No.
05.	Number of floors	:	Ground+3 Upper floor.
06.	Floor-wise details of occupancy :-		
	Ground Floor:	:	Director Cabin Room-01 No, Admin Accounts Room-01 No, Conference Room-01 No, Principal Cabin-01 No, Reception and Waiting Area-01 No, LKG Activity Room-01 No, LKG outdoor Activity



		zone-01 No, Library-01 No, AV Room-01 No, Out Door Learning Zone-01 No, Class Room-04 No's, Director Cabin-01 No, Service Room & Pantry-01 No, Girls and Boys Toilets.	
	First Floor:	: Teachers Lounge-01 No, Art & Craft Room-01 No, Service Room-01 No, Store (Under stairs)-01 No, Class room-06 No's, Composite Lab-01 No, Math Lab-01 No, Experiment Zone-01 No. Girls and Boys Toilets.	
	Second Floor:	: Teachers Lounge-01 No, Service Room-01 No, Class Room-10 No's, Computer Lab-01 No, Girls and Boys Toilets.	
	Third Floor:	: Teachers Lounge-01 No, Teachers Lounge-01 No, Service Room-01 No, Class Room-09 No's, Dance & Music Room-01 No. Girls and Boys Toilets.	
07	Height of the building	: 14.57 Mtrs.	
08	Site area	: 1488.71 Sq.Mtr.	
09	Built-up area of each floor :-		
	Ground Floor	: 1488.21 Sq.Mtr.	
	First Floor	: 1056.90 Sq.Mtr.	
	Second Floor	: 1204.17 Sq.Mtr.	
	Third Flood	: 1239.78 Sq.Mtr.	
	Built-up area	: 5048.41 Sq.Mtr.	
11	Surrounding properties:-		
	East (Front)	: Agriculture Land.	
	West (Rear)	: Residential House.	
	North (Side)	: Agriculture Land.	
	South (Side)	: 30.00 Mtrs Main Road.	
12.	Set back area available around the Building:-		
	East (Front)	: 16.05 Mtrs.	Recommended: To provide as per Local Zonal Regulations.
	West (Rear)	: 5.35 Mtrs.	
	North (Side)	: 3.00 Mtrs. & then Open Place	
	South (Side)	: 3.00 Mtrs. & then Open Place	

B. On inspection of this Institutional 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]
01	Accessibility to Premises.	The premises is accessible from 30.00 Mtrs Wide Main Road On Southern Side and the road is hardened to carry the weight of 45,000 kgs.	Adequate.
02	No of entrances.	03 No's.	--



03	No. of staircases Available	No of staircase	:	03 No's.			<u>Recommended to provide</u> Maintain width of staircase 1.50 Mtrs & 30 cms treads & 0.15 Mtrs risers with 1.50 mtrs height handrails and the same to Existing Staircase.
		Width of staircase	:	1.78 Mtr.	1.78 Mtr.	1.78 Mtr.	
		Width of treads	:	30 Cm	30 Cm	30 Cm	
		Height of risers	:	12 Cm	12 Cm	12 Cm	
		No of riser per flight	:	13 No's.	13 No's.	13 No's	
		Height of handrails	:	1.00 Mtrs	1.00 Mtrs	1.00 Mtrs	
		Head room clearance	:	--	--	--	
04	Portable Extinguisher	1.Provided 20 No's of ABC Fire Extinguishers of 06 kg Capacity.					<u>Recommended To Provide</u> 01. 01 No ABC Fire Extinguisher each of 6 kg capacity Should be Located as Available Within 15 Mtrs Radius. in each floor. 02. 02 No's of CO2 Fire Extinguisher of 4.5 kg capacity Should be Provided near each Electrical Panel Board And Electrical Room. Switch board. 03. 01 Mechanical Foam Extinguishers of 09 ltrs Capacity and 01 ABC type Extinguishers of 6 kg capacity should be provided near diesel Generator. (All the extinguishers suggested above should be with B.I.S. markings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically].
		2. Provided 02 No's of CO2 Fire Extinguishers of 4.5 kg Capacity.					
05	First aid Hose reel hose.	Not Provided.					<u>Recommended To Provide</u> 01 No of Hose reel hose Near the Staircase (one hose Reel hose System for every 1000 Sq Mtrs) The hose Reel of 30 mtr length with drum and 01 no's delivery hose pipes minimum 2 ½ inch size of adequate length to reach the farthest point of each floor has to be provide with a shut off branch having a nozzle of 2 mm size. The hose reel hose has been connected at each.
06	Terrace tank over respective tower terrace.	Provided 4000 Litrs Syntax tank for Domestic Purpose.					<u>Recommended to Provide</u> The System Should Be connected An Over Tank of 10,000 Ltr water Capacity And Further Basement is Provided the Tank Capacity Should be Increased To 5,000 Lts Capacity. (The Water Tank Should Be Kept Exclusively Fire Fighting Purpose). Note If the Existing Building is Not Capable Of sustaining the weight 5000/10000 Ltrs Tank Capacity Provision Shall be made to Provide Water Tank On the Side Of the Building With Support From Ground Level by providing RCC Column Structure are MS Column Structure. If The There No Option to Provide even the Above Mentioned Over Tank Provision Shall Made To provide Underground Water Tank Of capacity With Submersible Pump of 05 To 07 Hp Capacity.



07	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not Provided.	Recommended to Provide 01 No pump with minimum pressure of 3.5 kg/sq. cm.
08	Diesel Generators	Not Provided.	Recommended To Provide 15KV of Diesel Generator to alternate power supply.
09	Escape routes	Not Marked.	Recommended To Provide Direction in which the students have to move in the event of an emergency should be displayed in the corridor in each floor during evacuation.
10	Fire order (Fire Safety Plans)	Displayed	The Notice board have been indicted the action should be taken by the employees in case of any emergency should be displayed with the telephone number of Sindhanur Fire Station i.e-08535-220777 and the telephone number of nearest Ambulance services and Police Station.
11	No Smoking Board	Not Displayed	As per sec-4 of COPTA a board with words NO SMOKING AREA shall be written in English & Kannada both language shall be prominently displayed at inside the entry /exit of the each floor.
13	Fire Siren	Installed in each Floors.	A Fire Siren shall installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.
14	Nominate Fire Fighting Training	Not Imparted	At-least 40% of School Staff should be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore within 3 months or at an early date.
15	Fire Precautionary Measures:- A. Explosive and Flammable Materials Should Not be Stored in the Store Room, UPS Room Electrical Panel Area, Class Rooms, Laboratory And Electrical Some Panel Premises. B. Accumulation of combustibile 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 kept Locked/ Latched during working hours and shall be free from obstruction. F. During the class hours in the class room doors shall not be locked from inside to outside. G. As per Honorable 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.		

Under the Circumstance stated above, there is No Objection to run Education activities in your Constructed School Building **Delhi World Primary and High School**, At. Sy No.943/* /2, 3rd Milecamp Sindhanur, Taluk: Sindhanur, Dist:Raichur-584128. subject to the Condition of providing Additional Fire Fighting Equipments and Fire precautionary measures shown in Part-B. Therefore management should compulsory Karnataka Fire And Emergency Services Department conditions to provide Additional Equipments And Then Intimate to the office Within 90 days Positively Without Fail. **This Fire Safety Recommendation Certificate Valid for Only One Year From The date of issue and renewable without fail**.

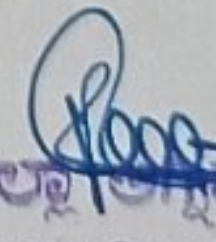
All Requirements Recommended above are as per National Building Code-2016 Part-4 Clause3.1.3 of Fire And Life Safety Will have to be complied With Mandatorily.

Yours faithfully

Copy To:

1.The DGP KSF&ES
Banglore-560042.

2.Fire Station Officer
Fire Station Sindhanur.


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