

Karnataka State Fire
CNO:17/DFO/YDG/Dist/FSR/2023



And Emergency Services
Date:30/03/2023

To,

The Secretary
D.D.U International School
Doranahalli Tq-Shahapur-585223,
Under D.Devaraj Uras Education Seva Institute (R.)
Saidapur, Post- Diggi Tq-Shahapur Dist- Yadgiri.

Sir,

Sub:- Issue of "Fire Safety recommendation" to D.D.U International School
Doranahalli Tq-Shahapur-585223, Under D.Devaraj Uras Education
Seva Institute (R.) Saidapur, Post- Diggi Tq-Shahapur Dist- Yadgiri

Ref:- Application dated 21/03/2023.

With reference to the subject above cited, the premises of D.D.U International School Doranahalli Tq-Shahapur-585223, Under D.Devaraj Uras Education Seva Institute (R.) Saidapur Post- Diggi Tq-Shahapur Dist- Yadgiri. was inspected by, Fire Station Officer Shahapur on Date:28/03/2023 with respect to fire prevention, fire fighting and evacuation measures to be Provided in the above premises and Submitted building details as under.

A. Details of the Building/Premises:-

01.	Name and Address of the applicant.	:	The Secretary D.D.U International School Doranahalli Tq-Shahapur-585223, Under D.Devaraj Uras Education Seva Institute (R.) Saidapur, Post- Diggi Tq-Shahapur Dist- Yadgiri
02.	Name and Address of the premises.	:	D.D.U International School Doranahalli Tq-Shahapur-585223, Dist- Yadgiri
03.	Name and Address of the Building owner.	:	The Secretary D.D.U International School Doranahalli Tq-Shahapur-585223, Under D.Devaraj Uras Education Seva Institute (R.) Saidapur, Post- Diggi Tq-Shahapur Dist- Yadgiri
04.	Number of Buildings	:	01
05.	Number of floors	:	Ground + 2 floor
06.	Floor-wise details of occupancy :-		
	Ground Floor:	:	Class Room-12 No's, Head Master Room-01 No, Principal Room-01 No,
	First Floor	:	Sport's Room-01 No, Music Room-01 No, Computer Room-01 No, Smart Class-01 No, Lecture's Staff Room-01 No, Teacher's Staff Room-01 No, Class Room's-08 No's.



	Second Floor	:	Library Room-01 No, Function Hall- 01 No, Lab Room's-04 No's.
07	Height of the building	:	09.70 Mtrs
08	Site area	:	9388.70Sq.Mtr.
09	Built-up area of each floor :-		
	Ground Floor:	:	1517.78Sq.Mtr.
	First Floor:	:	1517.78Sq.Mtr.
	Second Floor	:	1517.78Sq.Mtr.
10	Total built-up area	:	4553.34 Sq.Mtr.
11	Surrounding properties:-		
	East (Front)	:	Road.
	West (Rear)	:	Agriculture Land.
	North (Side)	:	Agriculture Land.
	South(Side)	:	Agriculture Land.
12.	Set back area available around the Building:-		
	East (Front)	:	09 mtrs.
	West (Rear)	:	4.72 mtrs.
	North (Side)	:	09mtrs.
	South(Side)	:	09 mtrs.
			Recommended: To provide as per Local Zonal Regulations.

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 04 meters Wide Road towards Eastern side.	Adequate.																					
02	No of entrances.	01 No Of Entrance/Exits of width is 7.90 Mtrs.	Adequate..																					
03	No. of staircases available	<table border="1"> <tr> <td>No of staircase</td> <td>:</td> <td>02 No's.</td> </tr> <tr> <td>Width of staircase</td> <td>:</td> <td>1.40 Mtrs 1.40 Mtrs</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>10 Inches 10 Inches</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>08 Inches 08 Inches</td> </tr> <tr> <td>No of riser per flight</td> <td>:</td> <td>10 No 10 No</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>0.40 Mtrs 0.40 Mtrs</td> </tr> <tr> <td>Head room clearance</td> <td>:</td> <td>09 Feet 09 Feet</td> </tr> </table>	No of staircase	:	02 No's.	Width of staircase	:	1.40 Mtrs 1.40 Mtrs	Width of treads	:	10 Inches 10 Inches	Height of risers	:	08 Inches 08 Inches	No of riser per flight	:	10 No 10 No	Height of handrails	:	0.40 Mtrs 0.40 Mtrs	Head room clearance	:	09 Feet 09 Feet	Recommended To Provide Width Of Staircase each 1.40 Mtrs to 1.50 Mtrs.
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04	Fire extinguisher	Provided 13 No's Of ABC fire Extinguishers Each of 4 Kgs capacity. 01 No Co ₂ fire Extinguishers Of 4.5 Kgs capacity. & 06 No's Of bucket with stand. .	<p>01) 01 No ABC Fire Extinguisher each of 6 kg capacity Should be Located As Available Within 15 Mtrs Radius. in each floor.</p> <p>02) 01 No of CO₂ Fire Extinguisher of 4.5 kg capacity Should be Provided near each Electrical Panel Board And Electrical Room. Switch board.</p> <p>03) 01 Mechanical Foam Extinguishers of 09 ltrs Capacity and 01 aABC type Extinguishers of 6 kg capacity should be provided near diesel Generator.</p> <p>04) 01 DCP Extinguishers of 4 kgs capacity Should be provided in the Kitchen if Provided for th purpose of mid day meal. [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].</p>
05	Hose reel hose system.	Not Provided.	Recommended To Provide One Hose Reel Hose Near The Staircase (One Hose Reel Hose System For Every 1000 Sq. Mtr) The Hose Reel hose of Min 19 mm Size And 30 mtr length Shall be Provided to Reach the Farthest Point Of Each Floor And shut off branch having a nozzle of 5 mm size. The hose reel hose has been connected at each landing.
06	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not Provided.	Recommended To Provide The System Should Be Connected to an Booster Pump of 450 LPM are 05 Hp Capacity. Further System Should be an Connected an Alternative Source Of Power Supply.
07	Diesel generators.	Not Provided.	Diesel Generator of 15 KVA Capacity should be provide and it should be connected to alternate power supply.



08	Terrace tank.	Provided 02 No's Of Syntax Each 2000 Liters Capacity.	<p>Recommended to Provide The System Should Be connected An Over Tank of 5000 Ltr water Capacity And Further Basement is Provided the Tank Capacity Should be Increased To 10000 Lts Capacity. (The Water Tank Should Be Kept Exclusively Fire Fighting Purpose).</p> <p>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.</p> <p>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.</p>
09	Escape routes	Not Marked.	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)	Not 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 Shahapur Fire Station i.e- 9481032101, 112 & 101 and the telephone number of nearest Ambulance services and Police Station.
11	No Smoking Board	Not Displayed	COTPA Sec-4 Direction No Smoking area Smoking hear is an offence Board Should be written in English & Kannada both language Shall be Prominently displayed at inside the Entry/Exist of Each Floor.
12	Fire Siren	Not Installed	A fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency and evacuate the area.



13	Nominate one fire Nodal officer	-	A fire nodal officer shall be nominated either from teaching or no teaching staff.
14	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	C.C Camera is provided.	<ol style="list-style-type: none"> 1) Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory and electrical cum panel premises. 2) Accumulation of combustible waste in and around the premises should be avoided. 3) The exit ways shall be always kept clear without any Obstruction. 4) Liquefied petroleum gas should not be stored in the building. 5) The doors shall not be kept locked / latched during working hours and shall be free from obstruction. 6) During the class hours the class room doors shall not be locked from inside to outside. <p>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 14th of every year by conducting fire safety drills with co-ordinate with fire.</p>

Under The Above Circumstance The Karnataka Fire And Emergency Service Department is issuing "Fire Safety Recommendation" D.D.U International School Doranahalli Tq-Shahapur-585223, Under D.Devaraj Uras Education Seva Institute (R.) Saidapur Post- Diggi Tq-Shahapur Dist- Yadgiri Subject to Condition And Compliance of the above Recommendation in Column 04 of serial B Within 03 Months and Compliance To the Undersigned.

This Fire Safety Recommendation is Valid For Only 01 Year From The Date of issue and it Is Renewable.

Your's faithfully

[Signature] 30/03/23

District Fire Officer
Karnataka Fire & Emergency Services
Yadgir Dist, Yadagiri - 585201

Copy to: The Fire Station Officer Shahapura.

[Signature]
PRINCIPAL
D.D.U. Central School
Doranahalli
Tq. Shahapur Dist.Yadgir

[Signature]
SECRETARY
D Devaraj Uras Education
Seva Institute (R) Saidapur
Tq. Shahapur Dt. Yadagiri