

	Karnataka Fire & Emergency Services Department Office Of the District Fire Officer High Ground Fire Station Bengaluru-560009 Telephone-080-22971 572	
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No:10/FSR/DFO/HGFS/2024

Dated: 04/06/2024

To,

*The Principal,
M/s. Smt.Kamala Bai Educational Institution,
Connaught road,
Queens Road Cross,
Bengaluru-52.*

Sir,

Sub: Issue of 'Fire safety Recommendation' For *M/s. Smt.Kamala Bai Educational Institution, Connaught road, Queens Road Cross, Bengaluru-52.*

Ref:- your letter dated 03/06/2024

With reference to the subject above cited, the premises of *M/s. Smt.Kamala Bai Educational Institution, Connaught road, Queens Road Cross, Bengaluru-52* was inspected by me on 04/06/2024 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, M/s. Smt. Kamala Bai Educational Institution, Connaught's road, Queens Road Cross, Bengaluru-52.</i>
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2.	Name And Address Of The Premises.	:	<i>M/s. Smt. Kamala Bai Educational Institution, Connaught's road, Queens Road Cross, Bengaluru-52.</i>
3.	Name And Address Of The Building Owner	:	<i>M/s. Smt. Kamala Bai Educational Institution, Connaught's road, Queens Road Cross, Bengaluru-52.</i>
4.	Number Of Buildings	:	05 buildings
5.	Number Of Floors	:	Block1- Ground and 2 upper floors Block2- Ground and 01 upper floors Block3- Ground and 01 upper floor. Block4- Ground and 2 upper floors. Block5: Ground and 3 upper floors.
6.	<u>Floor-Wise Details Of Occupancy:-</u>		
	<u>Block 1:-</u>	Ground Floor	: 2 class rooms
		1 st Floor	: 2 class rooms
		2 nd Floor	: 2 class rooms
	<u>Block 2:-</u>	Ground Floor	: 4 class rooms, 1 staff room
		1 st Floor	: 04 class rooms, 1 staff room
	<u>Block 3:-</u>	Ground Floor	: Computer lab, 1 class room, principal room
		1 st Floor	: 7 class room, 2 staff room
	<u>Block 4:-</u>	Ground Floor	: 2 class rooms, 1 staff room
		1 st Floor	: 2 class rooms, computer lab
		2 nd Floor	: 3 class rooms
	<u>Block 5:-</u>	Ground Floor	: 2 dance rooms, science lab
		1 st Floor	: 3 class rooms
		2 nd Floor	: 3 class rooms
		3 rd Floor	: Library, Tinkering lab.
7.	Height Of The Building	:	Block1- 09.70 mtrs Block2- 11.00 mtrs



		Block3- 11.00 mtrs Block4- 11.30 mtrs Block5: 14.80 mtrs
8.	Site Area	: 37736.70 sq.mtrs
9.	<u>Built-Up Area Of Each Floor:-</u>	
	<u>Block 1:-</u> Ground Floor	: 171.00 sq.mtrs
	1 st Floor	: 171.00 sq.mtrs
	2 nd Floor	: 171.00 sq.mtrs
	<u>Block 2:-</u> Ground Floor	: 297.50 Sq.mtrs
	1 st Floor	: 297.50 Sq.mtrs
	<u>Block 3:-</u> Ground Floor	: 337.05 Sq.mtrs
	1 st Floor	: 337.05 Sq.mtrs
	<u>Block 4:-</u> Ground Floor	: 221.40 Sq.mtrs
	1 st Floor	: 221.40 Sq.mtrs
	2 nd Floor	: 221.40 Sq.mtrs
	<u>Block 5:-</u> Ground Floor	: 228.78 Sq.mtrs
	1 st Floor	: 228.78 Sq.mtrs
	2 nd Floor	: 228.78 Sq.mtrs
	3 rd Floor	: 228.78 Sq.mtrs
10.	<u>Total Built-Up Area</u>	: 3361.42 Sq.Mtrs
11.	<u>Surrounding Properties: -</u>	
	East	: 21.00 mtrs Wide Queens road
	West	: Cunningham cross road
	North	: Jasma Bhavan road
	South	: Private Property
12.	<u>Open space all Around The Building :-</u>	
	Block1 East	: 4.00 mtrs
	West	: 3.50 mtrs
	North	: 2.30 mtrs
	South	: 3.20 mtrs
	Block2 East	: 4.20 mtrs
	West	: 01.90 mtrs



	North	: 4.40 mtrs
	South	: 5.00 mtrs
Block3	East	: 6.00 mtrs
	West	: 6.80 mtrs
	North	: 7.70 mtrs
	South	: 5.50 mtrs
Block4	East	: Nil
	West	: 5.90 mtrs
	North	: 5.00 mtrs
	South	: 5.20 mtrs
Block5	East	: 4.80 mtrs
	West	: Nil
	North	: 5.00 mtrs
	South	: 5.20 mtrs

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)
01	Accessibility To the Premises	The Premises is Accessible From 21.00 mtrs wide Queens road Located On Eastern Side and It is easy to carry the weight of a fire tender.	Complied.
02	No. Of Entrances	One entry cum exit of 7.00 mtrs width has been provided	Complied
03	Diesel Generators.	One diesel generator of 125 KVA Capacity has been provided.	Complied. (It should be connected to fixed fire fighting system & emergency lightings)
04	No. Of Staircases Available	Block 1 Nos. Of Staircases : 01 No. Width Of Staircases : 1.30 mtrs Width Of Treads : 30 Cm Height Of Risers : 15 Cm Nos. Of Riser Per : 09 No's	Complied



Flight		
Height Of Handrails	:	1.00 mtrs
Head Room Clearance	:	2.80 Mtrs
Block 2		
Nos. Of Staircases	:	01 No.
Width Of Staircases	:	1.30 mtrs
Width Of Treads	:	30 Cm
Height Of Risers	:	15 Cm
Nos. Of Riser Per Flight	:	09 No's
Height Of Handrails	:	1.00 mtrs
Head Room Clearance	:	2.80 Mtrs
Block 3		
Nos. Of Staircases	:	01 No.
Width Of Staircases	:	1.30 mtrs
Width Of Treads	:	30 Cm
Height Of Risers	:	15 Cm
Nos. Of Riser Per Flight	:	09 No's
Height Of Handrails	:	1.00 mtrs
Head Room Clearance	:	2.80 Mtrs
Block 3		
Nos. Of Staircases	:	02 No.
Width Of Staircases	:	1.30 mtrs
Width Of Treads	:	30 Cm
Height Of Risers	:	15 Cm
Nos. Of Riser Per Flight	:	09 No's
Height Of Handrails	:	1.00 mtrs
Head Room Clearance	:	2.80 Mtrs
Block 4		
Nos. Of Staircases	:	01 No.
Width Of Staircases	:	1.20 mtrs



		Width Of Treads	: 30 Cm	
		Height Of Risers	: 15 Cm	
		Nos. Of Riser Per Flight	: 09 No's	
		Height Of Handrails	: 1.00 mtrs	
		Head Room Clearance	: 2.80 Mtrs	
		Block 5		
		Nos. Of Staircases	: 01 No.	
		Width Of Staircases	: 1.30 mtrs	
		Width Of Treads	: 30 Cm	
		Height Of Risers	: 15 Cm	
		Nos. Of Riser Per Flight	: 09 No's	
		Height Of Handrails	: 1.00 mtrs	
		Head Room Clearance	: 2.80 Mtrs	
05	Portable Fire Extinguishers	Block 1:- 06 nos of ABC type fire extinguishers have been provided. Block2:- 07 nos of ABC type fire extinguishers have been provided. Block3:- 10 nos of ABC type fire extinguishers has been provided. Block4:- 06 nos of ABC type fire extinguishers has been provided. Block5:- 12 nos of ABC type fire extinguishers has been provided.		Complied.
06	Hose Reel Hose System	Hose reel hose system has been provided in each block near the staircase. The hose reel hose of min 19mm size and of 30.00 mtrs length and to reach the farthest point of each floor and shut off branch having nozzle of 5mm size.		Complied
07	At the terrace tank level with minimum	Provided one Booster pump of 900 LPM capacity in each block.		Complied



	pressure of 3.5kg/cm ²		
08	Terrace Tank Over Respective Tower Terrace.	Provided 5000 ltrs capacity of Water tank in each block.	Complied.
09	Escape Routes	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.	Marked.
10	Fire Order (fire safety planes)	Provided in only block 2 & 3	Recommended to Provide Fire order board in each block. 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.
11	No smoking Board	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	Displayed.



12	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.
13	Nominate one Fire nodal officer	--	A fire nodal officer shall be nominated either from teaching or non-teaching staff
14	Fire Fighting Training	Not imparted	At least 40% Of teaching or Non-teaching staff should be got Trained In Basic Fire Fighting Course At Our R.A.Mundkur Fire And Emergency Services Training Academy, Bannerghatta Road, Bangalore-29.
15	<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</p>		



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.

Under the above circumstances the Karnataka fire & emergency service department is issuing 'Fire safety recommendation' to M/s. Smt.Kamala Bai Educational Institution, Connaughts road, Queens Road Cross, Bengaluru-52. 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.