



**Office of the Chief Fire Officer, Bengaluru-East Zone,
Karnataka Fire & Emergency Services,
Commissariat Road, Bengaluru-560 025.**



No. 1089A/CFO/Bng-East/FSR/2021

Dated: 28-09-2021.

ANNEXURE – 1

Group - B Educational Building

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).**

To,
The Authorized Signatory,
M/s. Deens Academy School,
(Gunjur Campus),
Sy.No.48/22,48/2,46/4,52,49/1,56/2,
Kathriguppe Village,
Sarjapura Hobli, Anekal Taluk,
Bangalore-560087

Sir,

Sub : Issue of “Fire safety recommendation” with respect of fire prevention, fire fighting and evacuation measures required at “M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore” - reg.

Ref : 1) Your request letter dated: 25-09-2021.
2) Inspection report No: 53/DFO/SRFS/BNG/2021, Date: 25-09-2021.

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With reference to the subject cited above, the premises of “M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore” was inspected by the District Fire Officer, Sarjapura Road Fire Station, Bangalore on 25-09-2021 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

Part-A. Details of the building / premises :-

01	Name and Address of the Applicant.	: Authorized signatory, M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore.
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02	Name and Address of the premises.	:	M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore.
03	Name and address of the Building owner	:	M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore.
04	Number of buildings	:	02 Buildings. i.e. Building 1- Main Building having 2 Blocks join together. i.e. Block-A & Block-B Building 2- PU Building.
05	Number of floors	:	Building-1 : Block-A - Ground & 1 Upper Floor. Block-B - Ground & 3 Upper Floors. Building 2 - Ground & 2 Upper Floors.
06	<u>Floor-wise details of occupancy:-</u>		
	<u>Building-1</u>		
	<i>Block-A</i>		
	Ground floor	:	Physics lab, Biology lab, Computer lab, 8 Staff rooms, Infirmary, URO room.
	1 st floor	:	8 Class rooms, 2 Staff rooms, 2 Conference rooms, 1 Server room, 1 DDP room, 1 Director office, 1 Principal Office, 1 HM Office & Reception.
	<i>Block-B</i>		
	Ground floor	:	8 Class rooms, 1 Staff room, 1 Lab & 2 Rest rooms.
	1 st floor	:	8 Class rooms, 1 Staff room, 1 Lab & 2 Rest rooms.
	2 nd floor	:	8 Class rooms, 1 Staff room, 1 Lab & 2 Rest rooms.
	3 rd floor	:	8 Class rooms, 1 Staff room, 1 Lab & 2 Rest rooms.
	<u>Building-2</u>		
	Ground floor	:	7 Class rooms, 1 Staff room, 1 Activity room & 2 Rest rooms.
	1 st floor	:	7 Class rooms, 1 Staff room, 1 Activity room & 2 Rest rooms.
	2 nd floor	:	7 Class rooms, 1 Staff room, 1 Activity room & 2 Rest rooms.



07	Height of the building	:	Building-1 Block-A = 06.40 mtrs. Block-B = 12.90 mtrs. Building-2 = 09.40 mtrs.
08	Site area	:	39,253.46 Sq. Mtrs.
09.	Built-up area of each floor:-		
	<u>Building-1</u>		
	Block-A		
	Ground floor	:	2,208.92 Sq. Mtrs.
	1 st floor	:	2,208.92 Sq. Mtrs.
	Block-B		
	Ground floor	:	824.29 Sq. Mtrs.
	1 st floor	:	824.29 Sq. Mtrs.
	2 nd floor	:	824.29 Sq. Mtrs.
	3 rd floor	:	824.29 Sq. Mtrs.
	<u>Building-2</u>		
	Ground floor	:	1,025.09 Sq. Mtrs.
	1 st floor	:	968.51 Sq. Mtrs.
	2 nd floor	:	968.51 Sq. Mtrs.
10.	Total built-up area	:	10,677.11 Sq. Mtrs.
11.	Surrounding properties:-		
	East (Front)	:	12.00 mtrs Wide Road.
	West (Rear)	:	Vacant land.
	North (Side)	:	Vacant land.
	South (Side)	:	Vacant land.
12.	<u>Set-back area available around the building :-</u>		
	<u>Building-1</u>		
	East (Front)	:	Min. 14.10 Mtrs.
	West (Rear)	:	Min. 30.00 Mtrs.
	North (Side)	:	Min. 12.50 Mtrs.
	South (Side)	:	Min. 10.10 Mtrs.
	<u>Building-2</u>		
	South (Front)	:	Min. 30.00 Mtrs.
	North (Rear)	:	Min. 05.00 Mtrs.
	East (Side)	:	Min. 06.00 Mtrs.

	West (Side) : Min. 06.50 Mtrs.
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Part-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)
1.	Accessibility	The premises is accessible from 12.00 mtrs wide Old Madras service road located on northern side. The road is hardened enough to carry weight of 45,000kgs.			Complied.
2.	Number of entrances	01no entrance cum exit of 09.00mtrs width has been provided.			Adequate.
3.	Diesel generators	02 Diesel Generators are provided. One of 125 KVA & another is 85 KVA capacities have been provided.			Complied.
4.	Number of staircases available	Number of the staircases	Building -1 i.e Block A & B	Building -2	Adequate.
			02no's	02no's	
		Width of staircases	1.75mtrs	1.30mtrs	
		Width of treads	30cm	30cm	
		Height of risers	15cm	15cm	
		No. of risers per flight	11Risers per flight	11Risers per flight	
		Height of handrails	1.10mtrs	1.10mtrs	
		Head room clearance	2.30mtrs	2.30mtrs	
5.	No. lifts and capacity	Not provided.			Not applicable.
7	Portable Fire extinguishers	Not provided.			<p>A. One Water mist extinguisher of 9 liters capacity should be kept near each staircase landing.</p> <p>B. One Mechanical foam extinguisher of 9 liters capacity & One ABC type extinguisher of</p>



			<p>6Kgs capacity should be provided near Diesel Generator.</p> <p>C. One CO2 Type fire extinguisher of 4.5Kgs capacity should be provided near each electrical board & electrical room.</p> <p>D. One ABC type extinguisher of 6kgs capacity should be located as to be available within 15.00mtrs radius.</p>
6.	First aid hose reel hose	Not provided.	Hose reel hose of min 19mm size and of adequate length to reach the farthest point of each floor should be provided with shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing of each building/ block/ wing/ tower.
7.	Terrace tank over respective tower terrace	20,000 ltrs Capacity of terrace tank has been provided in each Block. (The water tank should be kept exclusively for firefighting purpose & syntax tank should not be used)	Complied
8.	At the terrace tank level with minimum pressure of 3.5 kg/cm ²	Not provided.	<p>Recommended to provide Booster pump of capacity 450 LPM.</p> <p>(Further the system should be connected to an alternative source of power supply)</p>
9.	Escape routes	Escape routes has been marked at each floor to guide the students/staffs in case of any emergency.	Complied
10.	Fire order (Fire Safety plans)	Not provided.	A notice board have been indicated the action should be taken by the employees in case of any emergency shall be displayed with the telephone number of nearest Fire Station & 101, 22971500, 550, & 112 and the nearest Ambulance service and Police Station.



11.	No smoking board.	Not displayed.	COTPA Sec-4, direction 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	Not trained.	At least 40% of the staff should be got trained in basic fire fighting at R.A.Mundkur Fire & Emergency Services Academy, Bannerghatta Road, Bangalore - 560029 / Chief Fire Officer, Zone level.
13.	<u>Fire precautionary measures :-</u> <ul style="list-style-type: none"> A) Explosive and flammable materials should not be stores in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises. B) Accumulation of combustibile waste in and the premises should be avoided. C) The exit ways shall be always kept clear without any obstruction. D) Liquefied petroleum gas should not be stores in the building. E) The doors shall not be kept locked / latched during working hours and shall be free from obstruction. F) During the class hours the class room doors shall not be locked from inside to out side. 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 be conducting Fire Safety drills with co-ordinate Fire Service department. 		

Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation to "M/s. Deens Academy School, (Gunjur Campus), Sy.No.48/22,48/2,46/4,52,49/1,56/2, Kathriguppe Village, Sarjapura Hobli, Anekal Taluk, Bangalore-560087". subject to condition and compliance of the above recommendations in Column-4 of part-B within 3 months and obtain compliance from the undersigned.

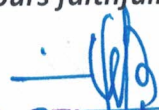
"This Fire Safety Recommendation is valid for Only One Year from the date of issue and it is renewable".

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 complied with mandatorily.

Copy to:
The District Fire Officer,
Sarjapura Road Fire Station, Bengaluru.



Yours faithfully,


Chief Fire Officer
Bengaluru East Zone
Bengaluru