

C.No/127/FSR/CFO/MZ/2019-20

Office of the
Chief Fire Officer
Karnataka Fire & Emergency Services
Mysuru Zone, Mysuru-570016
Date:- 12-02-2020.

To,
The Principal
De Paul Public School
No.30/1, Sathagalli Extension
Mahadevapura road, Mysuru-570029.

Sub ; Issue of '*Fire safety recommendation*' to existing "De Paul Public School" buildings at no.30/1, Sathagalli extension, Mahadevapura road, Mysuru-570029.

Ref : Report No.95-9/FSR/DFO/BFS/MYS/2020, dated: 05-02-2020.

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With reference to the subject above cited, the premises of "De Paul Public School" buildings at no.30/1, Sathagalli extension, Mahadevapura road, Mysuru-570029 was inspected by the District Fire Officer (Fire Prevention), Bannimantapa, Mysuru on 27-01-2020 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

ANNEXURE-B

"B1 & B2 – Schools upto senior secondary level and other institutions"

NBC-2016, Part-4, Table 7 (II) 3.1.3 Group B Educational Buildings

(These condition 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 :-

01	Name and Address of the Applicant.	:	The Principal De Paul Public School No.30/1, Sathagalli Extension Mahadevapura road, Mysuru-570029
02	Name and Address of the premises.	:	De Paul Public School No.30/1, Sathagalli Extension Mahadevapura road, Mysuru-570029
03	Name and address of the Building owner	:	De Paul Educational Trust No.30/1, Sathagalli Extension Mahadevapura road, Mysuru-570029
	Number of buildings	:	02 School buildings and 03 School buildings.
05	Number of floors	:	Block-1:- Ground and 02 Upper floors. Block-2:- Ground and 01 Upper floor.



		Block-3:- Ground and 01 Upper floor. Block-4:- Ground floor. Block-5:- Ground floor.
06	Floor-wise details of occupancy:-	
	Block-1 (Main School building) :	<u>Ground floor:-</u> 11 Class rooms, 01 Staff room, 01 Infirmatry room, 01 Sports room, 01 Office room & Wash rooms. <u>First floor:-</u> 13 Class rooms, 01 Sports room, 01 Audio visual room & Wash rooms. <u>Second floor:-</u> 08 Class rooms, 01 Store room, 01 Seminar hall, 01 Library room, 01 Sports room, 01 Composite science lab & Wash rooms.
	Block-2 (Nursery block) :	<u>Ground floor:-</u> 07 Class rooms & Wash rooms. <u>First floor:-</u> 04 Class rooms, 01 Seminar hall & Wash rooms.
	Block-3 (Quarters block) :	<u>Ground floor:-</u> 01 Father quarters. <u>First floor:-</u> 01 Prayar hall.
	Block-4 (Generator room) :	<u>Ground floor:-</u> 01 Generator room.
	Block-5 (Store room) :	<u>Ground floor:-</u> 01 Store room.
07	Height of the building	Block-1:- 11.70 mtrs. Block-2:- 08.50 mtrs. Block-3:- 07.50 mtrs. Block-4:- 02.20 mtrs. Block-5:- 02.20 mtrs.
08	Site area	17199.15 sq.mtrs.
09.	Built-up area of each floor:-	Block-1 (Main School building) <u>Ground floor:-</u> 1260.63 sq.mtrs. <u>First floor:-</u> 1260.63 sq.mtrs. <u>Second floor:-</u> 1260.63 sq.mtrs. Block-2 (Nursery block) <u>Ground floor:-</u> 472.79 sq.mtrs. <u>First floor:-</u> 328.80 sq.mtrs. Block-3 (Quarters block) <u>Ground floor:-</u> 217.75 sq.mtrs. <u>First floor:-</u> 217.75 sq.mtrs. Block-4 (Generator room) <u>Ground floor:-</u> 34.25 sq.mtrs. Block-5 (Store room) <u>Ground floor:-</u> 184.90 sq.mtrs.



10.	Total built-up area	:	5238.13 sq.mtrs.
11.	Surrounding properties:-		
	North (Front)	:	24.00 mtrs. wide Mahadevapura road.
	South (Rear)	:	Residential area.
	East (Side)	:	Agricultural land.
	West (Side)	:	Vacant land.
12.	<u>Set-back area available around the building :-</u>		
	North (Front)	:	42.00 mtrs.
	South (Rear)	:	70.00 mtrs.
	East (Side)	:	Nil.
	West (Side)	:	02.80 mtrs.

B. On inspection of this Educational 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)
01.	Accessibility to the premises	This premises is abutting 24.00 mtrs. wide Mahadevapura road accessibility on Northern side. This road is hardened to carry the weight of 45,000 kgs.	Complied.
02.	No. of entrances	01 entrance 01 exit	Complied.
03.	Width of entry / exit	Width of entry-4.40 mtrs. Width of exit-5.80 mtrs.	Complied.
04.	Diesel generators.	Not provided.	Recommended to provide 01 no. diesel generator for alternative power supply to all the emergency provisions of the building.
	No. of staircases available	No. of staircases : Width of staircases :	Totally 05 nos. 1.50 Complied.



			mtrs.	
		Width of treads	: 30 cms.	
		Height of risers	: 15 cms.	
		Nos. of riser per flight	: 15 nos.	
		Height of handrails	: 1.00 mtrs.	
		Head room clearance	: 2.50 mtrs.	
06.	Fire extinguisher	Provided 10 nos. ABC type fire extinguishers each of 06 kgs. capacity, 03 nos. ABC type fire extinguishers each of 02 kgs. capacity, 01 no. Co2 type fire extinguisher of 02 kgs. capacity.		In addition to this recommended to provide ABC & Co2 type fire extinguishers for every 100 sq.mtrs. built up area at every floor of each block.
07.	First aid Hose reel hose.	Not provided		Recommended to provide 01 no. Hose reel hose of 30 mtrs. length to reach farthest point of each block.
08.	Terrace tank over respective tower terrace.	Not provided.		Recommended to provide 10,000 ltrs. capacity Terrace tank in each block.
09.	Pump at the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided		Recommended to provide one booster pump near each terrace tank capable of delivering 450 liters per minutes.
10.	Public address system	Not provided		Recommended to provide two way communication Public address system in each block.



11.	Escape routes	Not marked	Directions in which the students have to move in the event of any emergency shall be indicated in the corridor during evacuation. It should be written in luminous paint in each block.
12.	Fire order	Not provided	A notice board written in bold letters indicating the action to be taken by the employees in case of any emergency shall be displayed near staircase and the notice board should contain telephone number of Bannimantapa Fire Station 0821-2495101 & 101 and ambulance service at this building.
13.	Fire fighting training	Not imparted	40% of the employees should be got trained in fire prevention, fire fighting and evacuation measures from Karnataka Fire and Emergency Services Department at an early date.



Under the above circumstance, the Karnataka Fire & Emergency Service Department is issued the Fire Safety recommendations certificate to "De Paul Public School" buildings at no.30/1, Sathagalli extension, Mahadevapura road, Mysuru-570029 subject to the condition of providing additional fire fighting equipments and fire precautionary measures shown in part-B. Therefore, the management should comply Karnataka Fire & Emergency Services Department conditions to provide additional equipments and then intimate to this office within 90 days positively without fail. ***This***

Fire Safety Recommendation Certificate valid for only one year from the date of issue.

*** 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.**



Yours faithfully
[Handwritten Signature]
Chief Fire Officer
Karnataka Fire & Emergency Services
Mysuru Zone, Hebbala Fire Station
MYSURU-570016

**Copy to,
District Fire Officer (Fire Prevention), Bannimantapa fire station, Mysuru.**