

**Office of the Director General of Police**  
Commandant General, Home Guards & Director  
Civil Defence, Director General,  
Fire & Emergency Services &  
State Disaster Response Force  
No. 1, Annaswamy Mudaliar Road  
Bengaluru - 560 042



Phone No: (080)25570733  
(080)22971599

No.GBC (2) 310 / 2022-23

Date: 12-12-2023.

To,  
The Principal,  
M/s.B.G.S.International Residential School,  
BGS Knowledge City,  
Nithyanandanagar, K.Gollahalli Post,  
Kengeri Hobli, Kumbalagudu,  
Bengaluru-560074.

Sir,

Sub: Issue of 'Fire Advisory Certificate' to the School Building 'BGS International Residential School' situated at BGS Knowledge city, Nithyanandanagar, K.Gollahalli post, Kengeri hobli, Kumbalagudu, Bengaluru-560074.

Ref: Your Request Letter dated 20-10-2023.

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With reference to the subject above, the District Fire Officer, Nagarbhavi Fire Station inspected the School Building 'BGS International Residential School' situated at BGS Knowledge city, Nithyanandanagar, K.Gollahalli post, Kengeri hobli, Kumbalagudu, Bengaluru-560074 from Fire prevention, Fire fighting and Evacuation point of view on 26-10-2023. The details are as follows:-

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

01.	Name and Address of the Applicant.	:	M/s.BGS International Residential School (Education Building ) BGS Knowledge City,Nithyanandanagar, K.Gollahalli Post, Kengeri Hobli, Bangalore-560074.
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**PRINCIPAL**  
School Code : 45040  
BGS International Residential School  
Nithyanandanagar, K. Gollahalli (Post),  
Kumbalagudu Off. Mysore Road,  
BENGALURU - 560 074.

02.	Name and Address of the premises.	:	M/s.BGS International Residential School (Education Building), BGS Knowledge City,Nithyanandanagar, K.Gollahalli Post, Kengeri Hobli, Bangalore-560074.
03.	Name & address of the building owner	:	The President. M/s.BGS International Residential School, BGS Knowledge City,Nithyanandanagar, K.Gollahalli Post, Kengeri Hobli, Bangalore-560074.
04.	Number of buildings	:	One building.
05.	Number of floors	:	Lower Ground, Upper Ground & 4 upper floors.
06.	Floor-wise details of occupancy:-		
	Lower Ground floor	:	06 class room, 02 study room, 01 Studio room & 02 rest room.
	Upper Ground floor	:	14 Class rooms, Principal room, office room, 02 Library room & 02 rest room.
	1st floor	:	08 Class rooms, Vice Principal room, office room, 02 Library room & 02 rest room
	2nd floor	:	08 Class rooms, 04 CL Room, Staff room & Office room & 02 rest room.
	3rd floor	:	08 Class rooms, 04 CL Room, Staff room & Office room & 02 rest room.
	4th floor	:	08 Class rooms, 04 CL Room, Staff room & Office room & 02 rest room.
07.	Height of the building	:	19.00 mtrs
08.	Site area	:	15,000 Sq.mtrs.
09.	Built-up area of each floor:-		
	Lower Ground floor	:	1,639.00 Sq.mtrs.
	Upper Ground floor	:	2,758.00 Sq.mtrs
	1st floor	:	2,155.00 Sq.mtrs
	2nd floor	:	1,951.15 Sq.mtrs



12/11/22

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04.	Number of staircase	Nos. of staircases	:	03	Complied.
		Width of staircases	:	01 of 01.80 mtrs 02 of 1.40 mtrs	
		Width of treads	:	30 Cms	
		Height of risers	:	15 Cms	
		Nos. of riser per flight	:	01 of 13 No's 02 of 12 No's	
		Height of handrails	:	01.20 mtrs	
		Head room clearance	:	02.80 Mtrs	
05.	Portable fire extinguishers	10 Nos ABC type fire extinguishers, each of 6 Kgs capacity, should be provided in the building.		<p>A. One water mist extinguisher of 9 ltrs capacity/ABC type extinguisher should be kept near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity &amp; One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel, board &amp; electrical room.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 Sq Mtrs should be provided.</p>	

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	3rd floor	:	1,937.58 Sq.mtrs.
	4th floor	:	1,937.58 Sq.mtrs.
	Terrace floor	:	46.86 Sq.mtrs.
10.	Total built-up area	:	12,385.17 Sq.mtrs
11.	Surrounding properties:-		
	Front (South)	:	Open Space.
	Rear (North)	:	Golf Court.
	Side (East)	:	Swimming Pool.
	Side (West)	:	Golf Court.
12.	Open space all around the building:-		
	Front (South)	:	Min 12.10 mtrs.
	Rear (North)	:	Min 10.00 mtrs.
	Side (East)	:	Min 10.00 mtrs.
	Side (West)	:	Min 10.00 mtrs.
Allowed setbacks (open space) should be maintained free from further obstruction / construction			

**B. On inspection of this School premises, the following fire prevention, firefighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-**

Sl. (1)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the Premises	The premises is accessible from 18.00 mtrs BGS Knowledge City wide road located on southern side.	Adequate
02.	Number of entrances	One entry with exit of 07.00 mtrs width has been provided.	Complied.
03.	Diesel generator	01 Diesel Generator of 250 KVA Capacity has been provided and it is connected all emergency provision in the building.	Complied.

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12/12/22

06.	Hose reel hose system	Not Provided	03 nos Hose reel hose systems, each of 19 mm size and 30.00 mtrs length to reach the farthest point of each floor should be provide with a shut off branch having a nozzle of 5 mm size and the system were testing during inspection working satisfactory.
07.	Down comer system.	Not Provided	03 No Down comer system should be provided near the staircase, the riser is of 100 mm internal dia and made of GI C class pipe form each riser single headed hydrant outlet. have been provide
08	Manually operated fire alarm system.	Not Provided	Manually operated fire alarm system Should be provided with call points near staircase landings and it console at ground floor.
09.	Terrace tank over respective tower terrace.	Not Provided	Each Hose reel hose system& Down comer systems should be connected to an overhead tank of 25,000 ltrs capacity. (The water tank should be kept exclusively for firefighting).
10.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not Provided	Hose reel hose system Should be connected to a Booster pump capable of delivering 900 LPM capacity. (Further the system should be connected to an alternative source of power supply).
11.	Escape routes	Not Provided	Escape routes and fire exits boards Should be displayed at corridors or passages and appropriate places of the building to guide the students and staff to safer places during emergency or fire.

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12/12/14

12.	Fire order (Fire safety plans)	Not Provided	A notice board indicating the details of actions to be taken in case of emergency have been displayed near each staircase landings with the telephone numbers of our Nagarabhavi Fire Station 080-22971614 or 101 or 112, and telephone numbers of nearest Ambulance Service.
13	No smoking board.	Not Displayed	COTPA Sec-4 direction No smoking area, Smoking is an offence board Should be written in English and kannada both language shall be prominently displayed at inside the entry/exit of each floor.
14.	Firefighting training	Not trained.	At least 40% of Teaching and nonteaching staff should be got trained basic firefighting at R.A.Mundkur Fire and Emergency Sevices Academy, Bannerughatta road, Bangalore.

As such the Karnataka State Fire and Emergency Services department is issuing 'Fire Advisory Certificate' to the School building 'BGS International Residential School' situated at BGS Knowledge city, Nithyanandanagar, K.Gollahalli post, Kengeri hobli, Kumbalagodu, Bengaluru-560074 from Fire prevention, Firefighting and Evacuation point of view subject to the compliance of below mentioned conditions within 03 months from the date of issue of Fire Advisory Certificate.

1. 03 Nos. Hose reel hose systems, each of 19 mm size and 30.00 mtrs length to reach the farthest point of each floor shall be provided with a shut off branch having a nozzle of 5 mm size.
2. 03 No Down comer system shall be provided near the staircase, the riser shall be of 100 mm internal dia and made of GI C class pipe form each riser single headed hydrant outlet shall be provided
3. Manually operated fire alarm system shall be provided with call points near staircase landings and it console at ground floor.

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12/12/13

4. Each Hose reel hose system & Down comer system shall be connected to an overhead tank of 25,000 ltrs capacity. (The water tank shall be kept exclusively for firefighting).
5. Hose reel hose system shall be connected to a Booster pump capable of delivering 900 LPM capacity.(Further the system shall be connected to an alternative source of power supply).
6. Escape routes and fire exits boards shall be displayed at corridors or passages and appropriate places of the building to guide the students and staff to safer places during emergency or fire.
7. A notice board 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 Nagarabhavi Fire Station 080-22971614 or 101 or 112, and telephone numbers of nearest Ambulance Service.
8. COTPA Sec-4 direction No smoking area, Smoking is an offence board shall be written in English and Kannada both language shall be prominently displayed at inside the entry/exit of each floor.
9. At least 40% of Teaching and nonteaching staff shall be trained in basic firefighting at R.A.Mundkur Fire and Emergency Sevices Academy, Bannerughatta road, Bangalore.
10. Recommended to provide extinguishers as follows:-
  - a. One water mist extinguisher of 9 ltrs capacity/ABC type extinguisher should kept near each staircase landing.
  - b. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.
  - c. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.
  - d. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 Sq Mtrs should be provided.
11. One 9 ltrs capacity Portable hand held "Water Mist & CAF's" fire extinguishers-jet/spray type (combination) should be kept near each staircase landing at each floor.



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 PRINCIPAL,  
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Note:-

1. This is only the "Fire Advisory certificate" issued by the Fire Department from fire safety view of the low-rise already constructed Building. This shall not be considered as No Objection Certificate for the Building.
2. After completion of all the firefighting installations as advised in Fire Advisory Certificate, 'Fire Advisory Compliance Certificate' shall be obtained from the Fire and Emergency department.

Draft approved by the  
D.G.P & D.G.



Yours faithfully,

(T.N.SHIVASHANKARA)

Director,

For Director General of Police and  
Director General,  
Karnataka Fire & Emergency Services,  
Bangalore

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