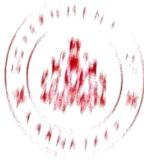


**Office of the Director General of Police**  
Commandant General, Home Guards &  
Director of Civil Defence and  
Director General Karnataka State Fire &  
Emergency Services  
No. 1, Annaswamy Mudalliar Road  
Bangalore - 560 042



Phone : 22211123  
22211124  
Fax : 22211122

No.GBC(2)07/2024

Date 04-07-2024

To,

The Authorized Signatory,  
National Public School,  
No. 81, 3<sup>rd</sup> cross,  
60 feet road,  
Dr. Vishnuvardhan main road,  
Banashankari 6<sup>th</sup> stage,  
Bengaluru - 560061.

Sir,

Sub Issue of 'Fire Advisory Certificate' to the Educational Building 'National Public School' situated at No. 81, 3<sup>rd</sup> cross, 60 feet road, Dr. Vishnuvardhan main road, Banashankari 6<sup>th</sup> stage, Bengaluru 560061.

Ref: Your Request Letter dated 03-06-2024.

<<<<>>>>

With reference to the subject cited above, the Regional Fire Officer, Fire Prevention 1, Bengaluru inspected the Educational Building 'National Public School' situated at No. 81, 3<sup>rd</sup> cross, 60 feet road, Dr. Vishnuvardhan main road, Banashankari 6<sup>th</sup> stage, Bengaluru 560061 on 19-06-2024 with respect to fire prevention, firefighting and evacuation measures to be complied in the above premises and submitted the details as follows: -

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

01	Name and Address of the Applicant.	: Mrs. Jayanti Nair Principal, M/s. National Public School, No. 81, 3 <sup>rd</sup> Cross, 60 Feet Road, Dr. Vishnuvardhan Main Road, Banashankari 6 <sup>th</sup> Stage, Bengaluru-560 061.
02	Name and Address of the premises.	: M/s. National Public School, No. 81, 3 <sup>rd</sup> Cross, 60 Feet Road, Dr. Vishnuvardhan Main Road, Banashankari 6 <sup>th</sup> Stage, Bengaluru-560 061.



03	Name and address of the Building owner	M/s. Sri Srinivasa Educational and Charitable Trust, Represented by its chairman, G. Dayanand, No. 42, 8 <sup>th</sup> Main Road, 16 <sup>th</sup> Cross, Malleshwaram, Bengaluru.
04	Number of buildings	: One Building.
05	Number of floors	: Ground & 04 Upper floors.
06	<u>Floor-wise details of occupancy: -</u>	
	Ground floor	: 12 Class rooms and staff room
	1 <sup>st</sup> floor	: 8 Class rooms, 3 labs and 3 staff rooms.
	2 <sup>nd</sup> floor	: 12 Class rooms and 3 staff rooms.
	3 <sup>rd</sup> floor	: 12 Class rooms and 3 staff rooms.
	4 <sup>th</sup> floor	: 8 Class rooms, A V room and 3 staff rooms.
08	Height of the Building	: 18,40 Mtrs.
09	Site area	: 45,627.67 Sq. mtrs
10	Built-up area of each floor: -	
	Ground floor	: 1,352.20 Sq. mtrs.
	1 <sup>st</sup> floor	: 1,352.20 Sq. mtrs.
	2 <sup>nd</sup> floor	: 1,352.20 Sq. mtrs.
	3 <sup>rd</sup> floor	: 1,352.20 Sq. mtrs.
	4 <sup>th</sup> floor	: 1,352.20 Sq. mtrs.
11	Total built-up area	: <b>6,761.00 Sq.mtrs.</b>
12	Surrounding properties: -	

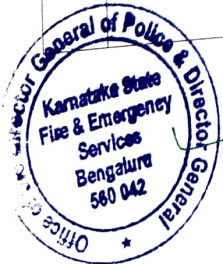
	East (Front)	: 23.46 mtrs. wide Dr. Vishnuvardhan Main Road.
	West (Rear)	: Vacant land belongs to applicant.



	North (Side) :	Vacant land belongs to applicant.
	South (Side) :	Auditorium building
13	Set-back area available around the building: -	
	East (Front) :	6.80 mtrs.
	West (Rear) :	6.50 mtrs.
	North (Side) :	6.40 mtrs.
	South (Side) :	8.10 mtrs.

**B. On inspection of this Institutional 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 abutting from 23.46 mtrs. wide Dr. Vishnuvardhan Main Road, located on the eastern side. Both the roads are hard enough to carry the weight of 45,000 kgs.	The requirement is complied with
02	No. of entrances	1 entry/exit has been provided.	The requirement is complied with
03	Width of entry / exit	1 entry/exit of 6.40 mtrs. width from 23.46 mtrs. wide Dr. Vishnuvardhan Main Road, located on the eastern side. has been provided.	The requirement is complied with
04	Diesel generators.	One generator of 200 KVA capacity has been provided to supply alternative power for staircase lighting, corridor lighting and lifts, etc, in the event of failure of electricity supply in the building.	Adequate.



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05	No. of staircases Available	<u>02 staircases</u> Each width of staircase: 1.50 mtrs. Width of tread: 30 cm. Height of risers: 15 cm. Nos. of riser per flight: 11 risers. Height of handrails: 1.00 mtr. Head room clearance: 3.30 mtrs.	Adequate.
06	No. lifts and capacity.	1 lift of 15 passenger capacity has been provided.	The requirement is complied with
07	Fire extinguishers.	Not provided.	Suitable portable fire extinguishers as per the requirements. <ol style="list-style-type: none"> <li>One ABC powder extinguisher of 5 kgs. capacity &amp; 2 fire buckets filled with clean, dry, fine sand should be provided for every 8 cars in each Basement parking area.</li> <li>One CO<sub>2</sub> extinguisher of 2 kgs. capacity should be provided near the entrance to each main switch board room.</li> <li>One ABC powder extinguisher of 5 kgs. capacity should be provided near transformer, if installed.</li> <li>One ABC powder extinguisher of 5 kgs. capacity should be provided near the entrance to the generator room.</li> </ol>



			<p>e. One CO<sub>2</sub> extinguisher of 2 kgs. capacity should be provided inside each lift room.</p> <p>f. One ABC powder extinguisher of 5 kgs. capacity should be kept near each staircase landing on every floor.</p> <p>g. Scale of suitable extinguishers for office area and food court shall be collected before approaching the department for final clearance, after finalizing the utilization of each area.</p> <p>h. All the extinguishers suggested above should be with B.I.S mark and should be located at easily accessible position without abstracting the normal passage.</p>
08	Public address system	Not provided.	Public address system with two-way communication facility shall be provided at each floor near each staircase landing with its console at the control room, located on the ground floor.



09	First aid Hose reel hose.	Not provided.	Hose reel hose of 30.00 mtrs. length with drum and delivery hose pipes, each of 15 mtrs. length with gunmetal branch pipe shall be provided at inside the hose cabinet near each outlet.
10	Down comer system	Not provided.	2 down comer system shall be provided near the staircase. Each system is should be of 100 mm internal diameter and made of G.I.'C' class pipe. From the riser single hydrant outlets should be provided at each landing.
11	Yard hydrants.	Not provided.	One number 2-way Fire service inlets near the entrance shall be provide.
12	Automatic detection and alarm system.	Not required.	Not required.
13	Automatic sprinkler system.	Not required.	Not required.
14	Manually operated electronic Fire alarm system.	Not provide.	Manually operated electrical Fire Alarm System with call point, near each staircase landing at each floor and its control panel at ground floor shall be provide.
15	Underground static water storage tank combined capacity for wet-riser, yard	Not required.	Not required.



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	hydrant and sprinklers per set of pumps.		
16	Terrace tank over respective tower terrace.	The systems should be connected to an overhead tank of 60,000 litres capacity.	The requirement is complied with.
17	Pump near underground static water storage tank (fire pump with minimum pressure of 3.5 kg/cm <sup>2</sup> at remotest location.	Not required.	Not required.
18	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not provide.	2 nos. booster pumps, each of capable of delivering 900 liters of water per minute at 0.3n/mm <sup>2</sup> pressure the impeller of the pumps should be provided.
19	Fire control room at ground floor.	Not provide.	Fire control room should be provided at ground floor.
20	Escape routes	Not marked.	Should be marked on each floor The requirement is visibly to guide the employees make to safer places.
21	Fire order	Not provide.	Fire order indicating with the action to be taken by the employees in case of fire have been displayed inside the building. The notice boards shall be written in Kannada and English with telephone numbers of Banashankari Fire Station i.e., 080-



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			22971539 & fire Control room nos. 080-22971600, 550, 500 & 101 telephone numbers of nearest Ambulance Services etc.
22	Firefighting training	Not trained.	40% of employees not trained in firefighting at R.A. Mundkur Fire and Emergency Services Academy. Bannerughatta road, Bangalore - 29. Hence the requirement is not complied with.

As such the Karnataka State Fire and Emergency Services department is issuing 'Fire Advisory Certificate' to the Educational Building 'National Public School' situated at No. 81, 3<sup>rd</sup> cross, 60 feet road, Dr. Vishnuvardhan main road, Banashankari 6<sup>th</sup> stage, Bengaluru 560061 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.

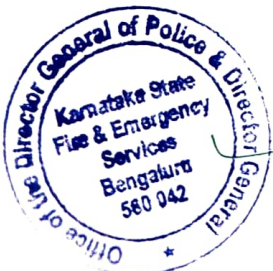
1. Recommended to provide portable fire extinguishers as per the requirements.
  1. One ABC powder extinguisher of 5 kgs. capacity & 2 fire buckets filled with clean, dry, fine sand should be provided for every 8 cars in each Basement parking area.
  2. One CO<sub>2</sub> extinguisher of 2 kgs. capacity should be provided near the entrance to each main switch board room.
  3. One ABC powder extinguisher of 5 kgs. capacity should be provided near transformer, if installed.
  4. One ABC powder extinguisher of 5 kgs. capacity should be provided near the entrance to the generator room.
  5. One CO<sub>2</sub> extinguisher of 2 kgs. capacity should be provided inside each lift room.
  6. One ABC powder extinguisher of 5 kgs. capacity should be kept near each staircase landing on every floor.



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7. Scale of suitable extinguishers for office area and food court shall be collected before approaching the department for final clearance, after finalizing the utilization of each area.
8. All the extinguishers suggested above should be with B.I.S mark and should be located at easily accessible position without abstracting the normal passage.
2. Public address system with two-way communication facility shall be provided at each floor near each staircase landing with its console at the control room, located on the ground floor.
3. Hose reel hose of 30.00 mtrs. length with drum and delivery hose pipes, each of 15 mtrs. length with gunmetal branch pipe shall be provided at inside the hose cabinet near each outlet.
4. 2 down comer system shall be provided near the staircase. The system is should be of 100 mm internal diameter and made of G.I.'C' class pipe. From the riser single hydrant outlets should be provided at each landing.
5. One number 2-way Fire service inlets near the entrance shall be provide.
6. Manually operated electrical Fire Alarm System with call point, near each staircase landing at each floor and its control panel at ground floor shall be provide.
7. 2 nos. booster pumps, each of capable of delivering 900 liters of water per minute at  $0.3n/mm^2$  pressure the impeller of the pumps should be provided.
8. Fire control room should be provided at ground floor.
9. Should be marked oneach floor The requirement is visibly to guide the employees make to safer places.
10. Fire order indicating with the action to be taken by the employees in case of fire have been displayed inside the building. The notice boards shall be written in Kannada and English with telephone numbers of Banashankari Fire Station i.e., 080-22971539 & fire Control room nos. 080-22971600, 550, 500 & 101 telephone numbers of nearest Ambulance Services etc.
11. COTPA Sec-4 direction No smoking area smoking here is an offence board should be writer in English & Kannada both languages shall be prominently displayed at inside the entry /exit of each floor.
12. A Fire Nodal Officer shall be nominated either from teaching or non-teaching staff.



13. A Fire siren shall be installed in the premises to inform the students in case of a fire emergency and evacuate the area.
14. At least 40% of teaching & non-teaching staff should be got trained in fire prevention and firefighting evacuation measures at R.A.Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore-560 029 or Regional Training centre.


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,

Copy to Regional Fire Officer, Fire Prevention 1, Bengaluru.