

Office of the Director General of Police
and Director General
Karnataka State Fire and Emergency Services
and State Disaster Response Force
No. 1, Annaswamy Mudaliar Road
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Date: 22-05-2025

To,

The Authorised Signatory,
Sindhi Seva Samiti,
B.O-No 33/2A,
33/2B,
Kempapura,
Hebbal,
Bangalore-560024.

Sir,

Sub: Issue of 'Fire Advisory Certificate' to the Educational Building
'Sindhi Seva Samithi' situated at B.O-No 33/2A, 33/2B,
Kempapura, Hebbal, Bangalore-560024.

Ref: Your request Letter dated:20-01-2025.

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With reference to the subject cited above, the District Fire Officer, Thanisandra Fire Station, Bangalore inspected the Educational Building 'Sindhi Seva Samithi' situated at B.O-No 33/2A, 33/2B, Kempapura, Hebbal, Bangalore-560024 on 15-02-2025 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. | : The Authorised Signatory, Sindhi Seva Samiti, B.O-No 33/2A, 33/2B, Kempapura, Hebbal, Bangalore-560024. |
| 02 | Name and Address of the premises. | : M/s Sindhi Seva Samiti, B.O-No 33/2A, 33/2B, Kempapura, Hebbal, Bangalore-560024. |



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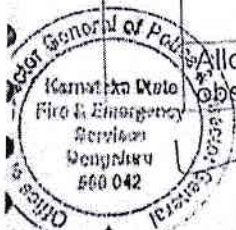
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|----|--|---|
| 03 | Name and address of the Building owner | : The Authorised Signatory, Sindhi Seva Samiti, B.O-No 33/2A, 33/2B, Kempapura, Hebbal, Bangalore-560024. |
| 04 | Number of buildings | : One Building with 2 Blocks i.e School Block & College Block |
| 05 | Number of floors | : Basement, Ground & 4 Upper Floors |
| 06 | Floor-wise details of occupancy:- | <u>School Block</u> |
| | Basement | : Parking Area, |
| | Ground floor | : 01 Office, 01 Principal room, 10 Class rooms, 01 Staff room, 01 faculty room, 01 library, Staff cubicle room, 01 Corridor. |
| | 1 st floor | : 01 Board room, 01 Vice Principal room, 01 Counselor room, 09 Class rooms, 01 Staff room, 01 Property room, 01 Staff Cubicle room |
| | 2 nd floor | : 01 C.S Lab, 01 Exam room/Teachers room, 13 Class rooms, 01 Staff room, 01 Record room, 01 Staff Cubicle room, 01 Infirmary, 01 Corridor |
| | 3 rd floor | : 09 Class rooms, CS Lab, 01 Chemistry lab, 01 Physics lab, 01 Bio lab, 01 Gen .Science lab, 01 Staff room, 01 15 KVA UPS room, 01 Language room, 01 Staff cubicle room, 01 Corridor |
| | 4 th floor | : 24 Class rooms, 02 Staff rooms, 01 Record room, 01 Corridor. |
| | <u>College Block</u> | : |
| | Basement | : Parking Area, |
| | Ground floor | : Principal Office, Board room, Accounts & Administrative Office, 01 Library, 01 Atrium, 01 Staff room, Rest room, Multipurpose hall, 03 Class rooms, |



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| | | |
|--|--|--|
| | 1 st floor | 02 Computer labs, Placement Office, 02 Staff rooms, Research Centre, 04 Class rooms, Rest room, |
| | 2 nd floor | Seminar Hall, Auditorium, Girls Common room, Rest room, 06 Class rooms, |
| | 3 rd floor | 02 Staff rooms, Exam Control room, 08 Class rooms, Rest room |
| | 4 th floor | Co ordinator room/Staff room, 08 Class rooms, 01 Record room, Rest rooms, Corridor, 01 Sports room |
| 07 | Total Site area | : 9909.70Sq. Mtrs |
| 08 | Height of the building | : School Block: 19.30 Mtrs & College Block: 18.70 Mtrs |
| 08 | Built up area (School Block + College Block) | : |
| | Basement | : 2965.70 Sq. mtrs |
| | Ground floor | : 2965.70 Sq. Mtrs. |
| | 1 st floor | : 2148.20 Sq. Mtrs. |
| | 2 nd floor | : 3131.55 Sq.Mtrs |
| | 3 rd floor | : 2533.52 Sq.Mtrs |
| | 4 th floor | : 2965.70 sq.mtrs |
| 10 | Total built-up area | : 16,710.37 Sq. Mtrs |
| 11. | Surrounding properties:- | |
| | East(Side) | : Residential Apartment |
| | West(Side) | : Presidency College |
| | North(Rear) | : School Ground |
| | South(Front) | : 10 Mtrs wide Kempapura main road |
| 12. | Set-back area available around the building :- | |
| | East(Side) | : 3.00 mtrs |
| | West(Side) | : 5.60 mtrs |
| | North(Rear) | : School Ground |
| | South(Front) | : 10 Mtrs wide Kempapura main road |
| Allowed setbacks (open space) should be maintained free from further obstructions / constructions. | | |



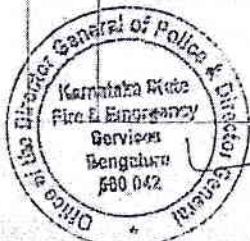
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Part-B. On inspection of this School/college premises, the following fire prevention, firefighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-

| Sl. (1) | Details (02) | Existing (03) | | Recommendations (04) |
|------------|--|--|-----------------------------------|--------------------------|
| 01. | Accessibility to the premises | The premises is accessible from G Ramaiah layout 10.00 Mtrs wide Kempapura main road located on Southern side of the building. The Road is hardened to carry the weight of 45,000 kgs. | | Complied |
| 02. | No. of entrances | 04 Entry/Exit has been provided. | | Adequate |
| 03. | No. of staircases/ lifts available | Nos. of staircases | : 05 Nos | Adequate. |
| | | Width of staircases | : Each of 1.80 mtrs | |
| | | Width of treads | : 30 cms. | |
| | | Height of risers | : 15 cms. | |
| | | Nos. of riser per flight | : 08-10 Nos. | |
| | | Height of handrails | : 1.00 mtr. | |
| | | Head room clearance | : 2.40 mtrs. | |
| 05 | No of Lifts and capacity No of Patients lift | Nos of lifts | : 02 nos | Complied |
| | | Capacity of lifts | : 06 Passangers and 08 Passangers | |



| | | | |
|-----|---------------------------|---|--|
| 06. | Fire extinguisher | Provided 36 nos. of ABC type fire Extinguisher each of 6 kg capacity on each floor of the building. One ABC Powder extinguishers of 06kgs, capacity for every 8 cars at parking area has been provided, One CO ₂ extinguishers of 4.5 kgs capacity has been provided near the entrance to the electrical room and One mechanical foam extinguisher of 9 litres capacity and One ABC Powder extinguishers of 6kgs capacity has been provided near the diesel generator. | Complied. |
| 07. | Diesel generators. | 160 KVA & 200 KVA Capacity Generators has been provided to supply alternative power for staircase lighting, corridor lighting, firefighting systems and lifts, etc in the event of failure of electricity supply in the building. | Complied. |
| 08. | First aid Hose reel hose. | Hose reel hose of 36 mtrs length with drum and 2 nos rubber lined delivery hose pipes each of 15 mtrs length with gunmetal branch pipe have been provided inside each hose cabinet near each outlet. | One hose reel hose shall be provided for every 1000 sq.mtrs. of built-up area. |
| 09. | Public address System | Public address system with 2-way communication system has been provided and it is connected to alternative power supply. | Complied |



| | | | |
|-----|---|---|---|
| 10 | Down comer | 02 no's of Down comer system have been provided, in each block this systems is of 100 mm internal diameter and made up of G.I class 'C' pipe from systems single headed hydrant outlet have been provided. | One down comer shall be provided for every 1000 sq.mtrs. of built-up area. |
| 11 | Automatic sprinkler system | The entire basement of Both Blocks is covered with sprinkler system. | Complied. |
| 12 | Manually operated electronic Fire alarm system. | Manually operated electrical fire alarm system with manual call points near each staircase landing at each floor with its 'console' at control panel room at the ground floor area and system have been connected to the alternative source of power supply | Complied |
| 13. | Terrace tank over respective tower terrace. | The system has been connected to an overhead tank of 20,000 litres capacity. | Overhead tank of 25,000 ltrs. capacity for each down comer shall be provided. |
| 14. | At the terrace tank level with minimum pressure of 3.5 kg/cm ² . | One Booster pump is provided with 900 LPM discharge capacity. | One booster pump shall be provided for each down comer system. |
| 15 | Fire Control room | Fire Control room provided at ground floor level. | Complied. |
| 16. | Escape routes | Directions in which the Teachers/Staff/Students have to move in the event of any emergency has been displayed in the corridor on each floor during evacuation. | Complied. |



| | | | |
|-----|---------------------------------------|---|--|
| 17. | Fire order (fire safety plans) | A notice board indicating the action to be taken by the school staffs/employees in Case of an emergency have been displayed along with Telephone Numbers of Thanisandra Fire Station i.e. 080-22971542 & 101, 080-22971500/550/600 and telephone numbers of nearest Ambulance Service & Police station. | Complied. |
| 18. | No smoking board. | COPTA Sec-4, direction "No Smoking area smoking here is an offence" board has been written in English & Kannada both languages shall be prominently displayed at inside the entry/exit of each floor. | Complied |
| 19. | Fire Siren | A fire Siren has been installed in the premises to inform the Students/Staff in case of fire emergency & evacuate the area. | Complied. |
| 20. | Nominate one Fire Nodal Officer | Mr. Srinivas G.N Nominated as a nodal officer | Complied |
| 21. | Firefighting training | Not Imparted. | 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 center. |



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As such the Karnataka State Fire and Emergency Services department is issuing 'Fire Advisory Certificate' to the Educational Building 'Sindhi Seva Samithi' situated at B.O-No 33/2A, 33/2B, Kempapura, Hebbal, Bangalore-560024 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.
 - a. One ABC type fire extinguisher of 06 Kgs capacity should be provided for every 15.00 Mtrs. radius.
 - b. One water mist extinguisher of 9 ltrs capacity should be kept near each staircase landing.
 - c. One mechanical foam extinguisher of 9 ltrs capacity & one ABC type extinguisher of 6 Kgs capacity should be provided near diesel generator.
 - d. One CO2 type extinguisher of 4.5 Kgs capacity should be provided near each electrical panel board & electrical room.
2. One hose reel hose shall be provided for every 1000 sq.mtrs. of built-up area.
3. One down comer system shall be provided for every 1000 sq.mtrs. of built-up area.
4. One booster pump shall be provided for each down comer system.
5. 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, Bannerghatta Road, Bangalore-560 029 or Regional Training center.

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 District Fire Officer, Thanisandra Fire Station, Bangalore.