



Government of West Bengal
Office of the Divisional Fire Officer
West Bengal Fire & Emergency Services
C. R. Das Road, P.O.+P.S. :- Berhampur, Pin :- 742101

Memo No.: FSR/211862406300007512

Date : 08-11-2024

From :
Divisional Fire Officer
Murshidabad Division
West Bengal Fire & Emergency Services

To :
Dali Kundu Primary Teachers Training Institute
Plot No. 12265, 12266, Kh No. 3887, 6799,1874, JL No.107, Mouza-Talibpur, Vill, PO & PS:- Salar, Dist-Murshidabad, W.B.

Sub: Fire Safety Recommendation for an existing construction of II storied under group Educational Building named as "Dali Kundu Primary Teachers Training Institute at the premises –Plot No-12265, 12266, Khatian No-3887,6799, J.L.No-107, Mouza-Talibpur, Vill.+P.O.+P.S-Salar, Dist-Murshidabad, Pin-742401..

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This is in reference to your AIN 211862406300007512 dated 02-Nov-2024 regarding Fire Safety Recommendation for an existing construction of II storied under group Educational Building named as "Dali Kundu Primary Teachers Training Institute at the premises –Plot No-12265, 12266, Khatian No-3887,6799, J.L.No-107, Mouza-Talibpur, Vill.+P.O.+P.S-Salar, Dist-Murshidabad, Pin-742401.

The plan submitted by you was scrutinized and marked as found necessary from Fire Safety point of view. In returning one set of plan with recommendation, this office is issuing Fire Safety Recommendation in favor of the aforesaid building for compliance of the following fire safety measure.

Recommendation :

1. Each teaching and non-teaching staff should have sufficient knowledge of Fire Fighting Equipments and management of evacuation of students. In time of emergency @ 1:100 is the ratio per floor is essential for this purpose.
2. Two nos. of Exit Doors must be provided for each class room facing verandah or corridor of minimum with 1.5 metre.
3. No temporary construction will be allowed in the premises and roof of the Institution.



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4. Kitchen, Canteen & Dining hall must have permanent nature made of R.C.C. and separate accommodation not adjacent to any classroom.
5. Chemicals used in Laboratory must be kept in separated isolated stores in proper sealed containers. Laboratory Assistant must be alert for its maintenance during closing by lock & key after class hours for any spillage, fumes, loosen caps, corrosiveness, acids, main valves for Bunsen Burners etc.
6. L.P.G. used for Bunsen Burners must be kept in utmost care as per gas rules.
7. Electric earthing must be done properly with lightning arrestor, catcher on the top of the roof/highest point. Electrical Installation & wiring shall have to be checked properly at regular intervals and if any fault be found immediately shall be rectified.
8. Fuses must be done with porcelain socket to prevent spark.
9. **Exit** - each classroom having common corridor proceeding staircase for each floor must be free of any obstruction having minimum width of 1.5 metre and no class room can be allowed having travel distance of 22.5 metre from staircase.
10. **Staircase** - must be constructed with permanent nature enclosed type free from any obstruction including its lobby if provided or landing or its bottom should not be used for any type of storage. No exit door of any classroom of any floor i.e. distance of more than 22.5 metre. If so, another staircase must be provided. The travel distance to and exit from a dead end of a corridor in an educational building shall not exceed 6 meters.

Recommendations (Under the height of 14.5 metres) :-

11. Over head water tank for Exclusively Fire Fighting Purpose 10,000lts. Capacity are to be provided along with provision of Standard hose reel hose supplied from the Over head water tank through booster pump shall have to be made in all the floors of the building satisfy the code of IS 3844-1989. The capacity of terrace Pump shall not be less than 450LPM. Another same capacity pump to be provided as a standby pump. Filling arrangement of the Terrace tank shall have to be made with suitable pumping arrangement.

Detection, Alarm and Suppression System :

12. Manually operated Electrical Fire Alarm system with at least three numbers of break glass type call boxes fitted with Hooters along with public address system, talk back system at each floor connecting with audio-visual panel board shall be made in Control Room. The Control Room shall be located at the entrance of Ground Floor of the building, other requirements of the system shall be made conforming I.S. 2189 – 1988.

13. Hooter will be sounded in such a manner so that an operation of a Detector or Manual Call Point Hooters will be sounded on the same floor and immediate alternate floor.

14. One no. fire service two way inlet will have to be provided at the entrances of the building.

15. Extinguishers are follows.

- i. In each floor covering 100M² – 2 Nos. water CO₂ type of extinguisher for classrooms.
- ii. In Library/Laboratory/ Record Room covering 15M² – 2 Nos. CO₂ type and DCP type extinguishers.
- iii. In computer room – 2 Nos. CO₂ and DCP type for 50M² area.
- iv. Chamber of Principal/Head Master/Teachers' Room – if any records of Fire alarm provided can be provided as (ii) & (iii) other wise as (i).

16. Educational building should be free from inflammable & toxic materials.



17. Good house-keeping should be ensured.

18. All teaching & Non-teaching staff should have adequate knowledge of handling fire protection equipment, evacuation process of students in time of emergency and prevention measures.

19. **Drills** : Must be acquainted with evacuation passage of escape route by practicing as a drill with all teaching and non-teaching staff along with students by the guidance of head of Institution as a drill every month as a special class and records of which must be kept in their custody.

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Signature valid

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Divisional Fire Officer

West Bengal Fire & Emergency Services

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