



**GOVT. OF WEST BENGAL
OFFICE OF THE DEPUTY DIRECTOR (SOUTH ZONE)
WEST BENGAL FIRE & EMERGENCY SERVICES
CITY CENTRE, DURGAPUR - 16, BURDWAN**

Memo No. DY. DFS / 1075 / 2013

Dtd. 23 / 05 / 2013

From : The Deputy Director
(South Zone)
W.B.F & E.S
Burdwan.

To : BENGAL COLLEGE OF EDUCATION
Vill. Dakshin Gram, P.O. Palsanda,
P.S. Nabagram, Dist. Murshidabad.

Sub. : Provisional N.O.C & Fire Safety Recommendation for the proposed
G+2 storied building under group Education Building at premises No.
NIL, Plot No. 429 & 431, J.L No. 48, Kh. No. 782, Mouza
Dakshin Gram, P.S. Nabagram, Ward No. NIL, Dist. Murshidabad.



This is reference to your letter No. BCE/21/12 dated 11.06.12 regarding Fire Safety measure for Proposed Construction of G+2 storied Educational Building.

The plan drawing submitted by you was scrutinised 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 favour of the aforesaid building subject to the compliance of the following Fire Safety measure.

Enclo. recommendations.


**Deputy Director
South Zone
W.B.F. & E.S.**

RECOMMENDATIONS :

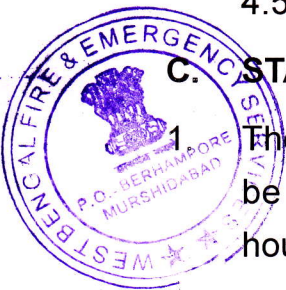
1. The whole construction of the proposed building shall be carried out as per approved plan drawings confirming the relevant building rules of local Panchayat Body as well as N.B.C of India 2005.
2. The floor area exceeds 1603 M² shall be suitably compartmented by separation walls upto ceiling level having at least 2 hours fire resistance capacity.
3. The interior finished decoration of the building shall be made low flame spread materials confirming I.S. Specification.
4. Provision of ventilation at the crown of the central core-duct of the building shall be provided.
5. Arrangements shall have to be made for sealing all the vertical ducts by the materials of adequate Fire Resistance capacity.
6. Parapet should be made minimum 2' 6".

B. OPEN SPACE & APPROACH ROAD.

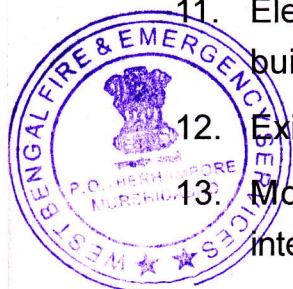
1. The open space surrounding the building shall confirm the relevant building rules as well as as permit accessibility and maneuverability of Fire Appliance with turning facility.
2. The approach roads shall be sufficiently strong to withstand the load of fire engine weighting up to 20 Mt.
3. The width & height of the access gates into the premises shall not be less than 4.5 mtr. & 5 mtr. respectively by abounding the road.


C. STAIR CASE.

1. The stair case of the building shall be enclosed type. Entire Construction shall be made of bricks/R.C.C. type having fire resistance capacity not less than 4 hours.
2. The stair case of the building shall have permanent vents at the top and openable sashes at each floor level in the external wall of the building.
3. All the stair case shall be extended upto terrace of the building and shall be negotiable to each other without entering into any room.
4. For existing building a certificate obtain from the appropriate authority regarding constructional safety point of view as well as clearance certificate for electrical installation, fitting if any.



5. Under ground reservoir having capacity 50,000 ltrs. Always kept full and free from all obstruction.
6. Provision of standard Hose Reel Hose supplied water from overhead reservoir (capacity 20,000 ltrs.) through booster pump will have to be made in all the floor of the building to satisfying the code of I.S specification 3844 - 1989. The system will be adopted in each floor by installing minimum 2 Nos. Hose Reel Hose positively. By the constructional method for the prevention & protection.
7. First Aid Fire Fighting System : First Aid Fire Fighting Arrangement in the style of placing suitable type fire extinguisher Co2 4.5 Kg. X 4, D.C.P 5 Kg. X 9, Water Co2 9 ltrs. X 6, Fire bucket etc. in all floor in visible location of the building shall be installed in accordance with I.S 2190 - 1992.
8. **General Recommendation :** All the extinguisher should be tested at least once in a year by an authorised agency and certificate shall be pasted on the body of the extinguisher.
9. Fire licence shall have obtained in case of storing and processing with L.P.G. & other highly combustible article if any.
10. No cooking arrangement should be made in the college building.
11. Electrical main meter & main switch should be kept safe distance from the main building with proper protection by Co2 / D.C.P fire extinguisher.
12. Exit & Entry must be marked with red lamp.
13. Mock exercise and evacuation drill must be performed with regular interval.
14. Good house keeping must be maintained.
15. All the teachers and non-teaching staff should have knowledge to operate fire fighting equipments and awareness of fire.
16. After completion of the all fire safety installation of the building a letter of intimation must be submitted to this office for final inspection to issue the final N.O.C. of the building.
17. Violation of any recommendation mention above legal action will be taken as per fire service Act. 1950 (upto date amendment) and the provisional N.O.C shall be treated as cancel.




Deputy Director
South Zone
W.B.F. & E.S.