

DFS/MS/School/WZ/2023/ 324

Dated:- 17/05/2023

FIRE SAFETY CERTIFICATE

Certified that the **Bosco Public School** Located at **Sunder Vihar (Near Telephone Exchange), New Delhi-110087**, comprised of Ground + 03 Upper Floors only owned / occupied by **Bosco Educational Welfare Society (Regd.)**, was issued Fire Safety Certificate by this department Vide Letter No. **F6/DFS/MS/School/WZ/2020/202 dated 23.06.2020**. The said premise was re-inspected by the officer concerned of this department on 26.04.2023 in the presence of Sh. Raju Duggal (Principal) and found that the premises/building have deemed complied with the fire prevention and fire safety requirements in accordance D.O.E. Cr. No. 3298-3398 dated 01.03.2011 and that the premises/building is fit for occupancy class "Educational Building" Group B with effect from 17/05/2023 for a period of **three years**, subject to compliance of the conditions, printed below.

17/05/2023
Issued on 17/05/2023 at New Delhi by.

(Atul Garg)
Director
Delhi Fire Service

Copy to: -

1. The Director, Directorate of Education, GNCT of Delhi, Old Secretariat Delhi-110054.
2. The Principal, Bosco Public School, Sunder Vihar, Telephone Exchange, New Delhi-110087.

Following fire safety directives must be adhered to:-

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional if fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in
8. The owner / occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form J (sub Rule (1) of Rule 37) along with copy of the certificate, six months prior to its expiry.

ER. BINDESHWAR PANDIT

B.E(Civil),FIV,MIE

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MCD Structural Engineer S.E-26
Govt. Regd. Valuer U/S 34 (AB) of 1957
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Ref.No.BPA/113/SAR/BOSCO/DEL/2021/088

Date:-09.10.2021

STRUCTURE AUDIT REPORT

**Address of Property : Bosco Public School, Paschim Vihar,
New Delhi-110087**

Name of Owner : Bosco Educational Welfare Society (Regd.)



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MCD Structural Engineer License No. SE-26,

264, D.A.Flat, Nimri Colony, Ashok

Vihar,Phase-IV, Delhi-110052.

In India, buildings are usually constructed due to high cost and scarcity of land. In order to utilize maximum land area, owner generally propose asymmetrical plan configurations. These asymmetrical plan buildings, which are constructed in seismic prone areas, are likely to be damaged during earthquake. Earthquake is a natural phenomenon which can generate the most destructive forces on structures. Buildings should be made safe for lives by proper design and detailing of structural members in order to have a ductile form of failure. The Delhi laid down in Earthquake Zone-IV and Zone Factor is 0.24.

The concept of earthquake resistant building should be designed to resist the forces, which forces. Normally four storeyed building has less seismic effect with minor damages other than multi-storeyed building. This existing building report comprises of seismic analysis and design four storeyed R.C. building with asymmetrical plan. The building is modeled as a 3D space frame using the software STAAD PRO V8i. The response spectra as per IS 1993 (Part 1):2002 for medium soil.

CONCLUSION

Keeping in view, all the existing structural analysis in software and various test conducted at site and result obtained from the laboratory the building is safe and sound on normal earthquake



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