



**Government Of West Bengal
Office Of The Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata - 16**

Memo no.:FSR/0125186231200067

Date: 15-03-2023

From:
Director
Fire Prevention Wing,
West Bengal Fire & Emergency Services

To: SUGAM SERENITY LLP
PREMISES NO.- 709, MOUZA-KUSUMBA, J.L.NO.-50, P.S.-SONARPUR, P.O.-NARENDRAPUR, WARD NO.-7,
L.R.KHATIAN NO.- 2831, 2832, 2833, 2834, R.S.DAG NO.- 1759, 1762, 1763, 1765, 1766, 1767, L.R.DAG NO.- 1841,
1844,1845, 1847,1848,1849 UNDER RAJPUR SONARPUR MUNICIPALITY, DIST- SOUTH 24 PGS, PIN-700103

Sub: Fire Safety Recommendation in respect of Proposed G+II storied row housing (Block A and Block B) and G+I storied Club house at the PREMISES NO.- 709, MOUZA-KUSUMBA, J.L.NO.-50, P.S.-SONARPUR, P.O.-NARENDRAPUR, WARD NO.-7, L.R.KHATIAN NO.- 2831, 2832, 2833, 2834, R.S.DAG NO.- 1759, 1762, 1763, 1765, 1766, 1767, L.R.DAG NO.- 1841, 1844,1845, 1847,1848,1849 UNDER RAJPUR SONARPUR MUNICIPALITY, DIST- SOUTH 24 PGS, PIN-700103.

This is in reference to your application no. 0125186231200067 dated 06-02-2023 regarding the Fire Safety Recommendation in respect of Proposed G+II storied row housing (Block A and Block B) and G+I storied Club house at the PREMISES NO.- 709, MOUZA-KUSUMBA, J.L.NO.-50, P.S.-SONARPUR, P.O.-NARENDRAPUR, WARD NO.-7, L.R.KHATIAN NO.- 2831, 2832, 2833, 2834, R.S.DAG NO.- 1759, 1762, 1763, 1765, 1766, 1767, L.R.DAG NO.- 1841, 1844,1845, 1847,1848,1849 UNDER RAJPUR SONARPUR MUNICIPALITY, DIST- SOUTH 24 PGS, PIN-700103.

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 is issuing Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the following fire safety measure.

Recommendation:

A)Construction part:

- i)The whole construction of the building shall be carried out as per approved plan and conforming by the relevant building rules of local authority.
- ii)The interior finish decoration of the building shall be made low flame spread materials conforming IS specification.
- iii)The roads and Side Open Spaces are to be minimum 45 MT withstand capacity.

B)Open space & approach:-

- i)The approach roads shall be sufficient to permit the accessibility and maneuverability of fire appliance to turning facility and to be strong enough to withstand the load of fire engine weighting up to 45 metric ton.
- ii)The width and height of the access gate into the premises shall not be less than 4.5 meters 5 meters respectively abutting the roads.
- iii) The driveway shall not be used as car parking.

C)Staircase:

- i)The width of the staircase shall conform the relevant building rules with up to date amendments.
- ii)The entire staircase shall be extended up to terrace of the building and shall be negotiable to each floor.

D)Electrical installation:

- i)All electrical installation should be done in accordance with National Electrical Code and Part- VIII "Building Services" Section-2 "Electrical installation" good practice[4(10)]
- ii)All cables should be FRLS type and all wiring along with appropriate gauge and resistance conforming the machineries to be used.
- iii)Electrical installation should be tested by the licensed electricians periodically.
- iv)All Electrical installations shall be adequately protected with CO2/DCP or Medium velocity/ Protector System.

E)First Aid Fire Fighting System:-

First Aid Fire Fighting arrangement in the style of placing suitable type of portable fire extinguisher , Fire buckets etc. in all floors and vulnerable locations of the premises shall be made in accordance with IS 2190-1992.

F)Alternative power supply:

Arrangement shall have to be made to supply power with the help of a generator to operate at least the fire pump, fire alarm system and also for illumination in case of normal power failure.

G)UGWR and Fire Pumps:

UGWR of 25,000 ltrs. Shall be provided exclusively for Fire Fighting purpose as shown in the approved plan. The location of UGWR shall be accessible for drawing water by Fire Brigade vehicle during emergency. One no. Jockey of 180 LPM, one no. electrical main of 1620 LPM and another one no. stand by (preferably diesel driven) of 1620 LPM shall be installed with the UGWR with auto start facility.

H)External Hydrant System:- IS-13039:1991-

The whole area of the building is to be protected by adequate no. of pillar type hydrants system (at 150 mm internal dia. Pipe line) i.e. one pillar hydrant per 1000 sq. meter of area or as per the vulnerability of the place.

General recommendation:-

- 1.Fire notice for fire fighting and evacuation from the building shall be prepared and to be displayed at all vulnerable places.
- 2.Floor numbers and directional sign of escape route shall be displayed prominently.

- 3.The employees and security staff shall be well conversant with the installed fire fighting equipments of the building and to operate in the event of fire and testing.
- 4.Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installation and equipments installed in the building to keep them in good working condition at all times.
- 5.Mock fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.
- 6.Each year a certificate is to be obtained from The Director General, West Bengal Fire & Emergency Services certifying about the satisfactory services, performance of all the life and fire safety arrangements and installation of the building.

This shall be treated as Fire Safety Recommendation. On compliance of all the above Fire Safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Fire Safety Certificate in favour of the occupancy shall be issued on being satisfied with the tests and performances of safety aspects of installation of the building.

N.B.:Any deviation and changes the nature of use of the building in respect of the approved plan drawing, without obtaining prior permission from this office, this Fire safety recommendation will be treated as cancelled.

Signature valid

Digitally signed by ABHIJIT
PANDEY
Date: 2023.03.25 13:19:54 IST

Director
West Bengal Fire & Emergency Services

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