

Government of West Bengal
Office of the Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services
430 G.T. Road (N), Howrah- 1

Memo no- WBFES/ D.O., Howrah / FP/ 2098 / 14 /HWH/ R.B./ 854 /14

Date 24/2/14

From : The Divisional Fire Officer, Howrah Division.
West Bengal Fire & Emergency Services.

To Shri Sunil Kr. Agarwal & Others,
113 Benaras Road , Salkia,
Dist.- Howrah.



Sub: Fire & Life Safety Recommendation for Proposed construction of G+ V storied comprising 04 nos block , Block 01 to 04 and G+IV storied comprising one block, Block – 5 under group Residential Building at the premises no 113, Benaras Road, Salkia, P.S.- Golabari, Ward no .- 10 , Borough – II under H.M.C.Dist.- Howrah.

This is in reference to your letter No nil dated 17/02/14 regarding Fire & Life Safety Recommendation for Proposed construction of G+ V storied comprising 04 nos block , Block 01 to 04 and G+IV storied comprising one block, Block – 5 under group Residential Building at the premises no 113, Benaras Road, Salkia, P.S.- Golabari, Ward no .- 10 , Borough – II under H.M.C.Dist.- Howrah.

The plan drawing 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 issuing Fire Safety Recommendation in favour of the aforesaid building subject to compliance of the following fire safety measures.


Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services

Encló :

1. One set of plan.
2. Recommendation



RECOMMENDATIONS

A. CONSTRUCTION

1. The whole construction of proposed building shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body (Howrah Municipal Corporation).
2. The floor area exceeds 750m² shall be suitably compartmented by separation walls up to ceiling level having at least two hours Fire resisting capacity.
3. The interior finish decoration of the building shall be made low flame spread materials conforming 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 resisting capacity.

B. OPEN SPACE & APPROACH:

1. The open space surrounding the building shall conform the relevant building rules as well as permit the accessibility and maneuverability of Fire appliances with turning facility.
2. The approach roads shall be sufficiently strong to withstand the load of fire engine weighting up to 45 M.T.

C STAIRCASE

1. The staircase of all building shall be enclosed type. Entire construction shall be made of bricks/R.C.C. type having fire resisting capacity not less than 4 hrs.
2. The staircase 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. The width of the staircases shall be made as marked in the plan. Corridors and the exit doors shall conform the relevant building rules to up to date amendments.
4. The entire staircase shall be extended up to terrace of the building and shall be negotiable to each other without entering into any room.
5. Fire and smoke doors at the entrances of all the staircases enclosures as marked in th plan at each floor level shall be provided. The F.C.D. shall be of at least one hour fire resisting wire glass window fitted with self-closing type openable in the direction of escape.

D. LIFT

1. The lift well shall be at least two hours fire resisting type. Motor room shall be at the top of the lift shaft by the floor of the room. Enclosure landing doors shall be of one hour fire resistance rating and shall have self closing door. Grounding Switch shall be resistance. Collapsible Gate shall not be permitted Provided at the ground floor (Fire Man Switch) Lift car door shall be ½ hour fire
2. One of the lift shall be designed for fire lift. The word "FIRE LIFT" shall conspicuously written at ground floor.

E FIRE FIGHTING WATER:

Underground water reservoir having water capacity at 1,00,000 ltrs. Capacity exclusively for Fire fighting purpose with replenishing arrangements @ 1000lts./min. Preferably from two different sources of water supply shall be provided . The fire water Reservoir shall have overflow arrangement with the domestic Water Reservoir as well as to avoid stagnancy of water. The water reservoir shall be kept full at all time.

F HYDRANT SYSTEM:

1. The building shall be provided with Wet Riser of 100mm internal diameter pipe line with provision of landing valves at the Staircase landings/half landings at the rate of one such riser for 1000 Sq m of floor area. The system shall be so designed a that shall be kept charged with Water all the time under pressure and capable to discharge 2280 lts /min at the ground floor level outlet and minimum 900 lts/min at the top most outlet. in both case the running pressure shall not be less than 3.5kgs/ sq.cm . All other requirements shall conform I.S. 3844-1989.
2. Provision for Hose reel in conjunction with Wet Riser shall be made at each floor level. Conforming the relevant I.S. Specifications.



3. Yard Hydrant /Ring Main Hydrant with provision of adequate numbers of Hydrant shall be installed surrounding the building in accordance with relevant I.S. specification.

G. FIRE PUMP:

Provision of the Fire Pump shall have to be made to supply water at the rate-designed pressure and discharge into the water based system, which shall be installed in the building. One such pump shall always be kept on Stand-by preferably be of diesel driven type.

Provision of Jockey Pump shall also have to be made to keep the water based system under pressurized condition at all the time. All the pumps shall be incorporated with both manual and auto starting facilities. The suction of pumps shall preferably of positive type or in case of negative section the system shall be Wet Riser-cum-Down comer with suitable terrace pump with overhead tank.

H. ELECTRICAL INSTALLATION & DISTRIBUTION.

1. The electrical installation including transformers, Switch Gears, main & Meters etc. and the distribution system of the premises shall be made satisfying the code of practice for Fire safety in general building as laid down in I.S. specification 1946-1982.

2. The vertical ducts shall be supply sealed at alternative floor level.

3. The electrical installation shall be adequate protected with CO₂/D.C.P.or Medium Velocity / Projector System

4. Alternative Power Supply:

Arrangements shall have to be made to supply power with the help of a generator to operate at least the Fire pump, Pump for deep Tube-well, Fire Alarm System, Fire Lift etc. and also for illuminating the Staircase, corridors etc. and other places of assembly of the building in case of normal power failure.

I. DETECTION, ALARM AND SUPPRESSION SYSTEM:

1. Manually operated Electrical Fire Alarm system with adequate 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.

2. The Suppression system shall be made with Fire Extinguishers and total flooding system with C02/F.M.-200 particularly in computer and Electrical processing and data room and in a room of irreplaceable articles.

3. Hooter will be sounded in such a manner so that Hooters will sounder on the same floor and immediate alternate floor.

4. Public Address System:

Public address system linked between all floors and control room shall have to be established.

J. AIR CONDITIONING SYSTEM: (If any)

- 1.The A.H.U. shall be separated for each floor with the system Air Ducts for individual floors.

2. Arrangement shall be made for isolation at strategic locations by incorporating auto dampers in the Air Conditioning system.

3. The system of auto shut down of A.H.U. shall be incorporated with the auto detection and alarm system.

4. The air handling units room shall not be used for storage of any combustible materials.

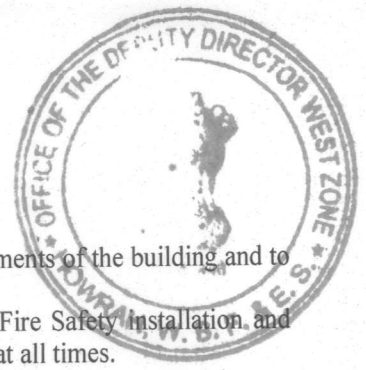
K. FIRST AID FIRE FIGHTING SYSTEM

First Aid Fire fighting arrangement in the style of placing suitable Fire Extinguishers, Fire Buckets etc. in all floors and vulnerable of locations of the premises shall be made in accordance with I.S. 2190-1992.

L. GENERAL RECOMMENDATION:

1. Fire Notice for Fire Fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.

2. Floor numbers and directional sign of escape route shall be displayed prominently.



3. The employees and security staff shall be conversant with 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 maintenance of all the Fire Safety installation and equipments installed in the building to keep them in perfectly good working conditions at all times.
5. A crew of trained Fireman under the experienced Officer shall be maintained round the clock for safety of the building.
6. Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.

On compliance of all above Fire and Life safety recommendations, the Director General, West Bengal Fire & Emergency Services shall be approached for necessary inspection and testing of the installation, Final N.O.C. 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 and Life safety recommendations will be treated as cancelled.

Howrah
24/2/14

Divisional Fire officer
Howrah Division
West Bengal Fire & Emergency Services

Government of West Bengal
Office of the Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services
430 G.T. Road (N), Howrah- 1

Memo no- WBFES/ D.O., Howrah / FP/ 248 / 14 /HWH/ R.B./ 854 /14

Date 11/2/14

From : The Divisional Fire Officer, Howrah Division.
West Bengal Fire & Emergency Services.

To Shri Arun Kr. Agarwal & Others,
113 Benaras Road , Salkia,
Dist.- Howrah.



Sub: Revised Fire & Life Safety Recommendation for Proposed construction of G+ V storied building under group Residential Building at the premises no 113, Benaras Road, Salkia, P.S.- Golabari, Ward no .- 10 , Borough – II under H.M.C. Dist.- Howrah.

This is in reference to your letter No nil dated 10/7/14 regarding revised Fire Safety measures for Proposed construction of G+ V storied under group Residential Building at the premises no 113, Benaras Road, Salkia, P.S.- Golabari, Ward no .- 10 , Borough – II under H.M.C. Dist.- Howrah.

The plan drawing 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 issuing Fire Safety Recommendation in favour of the aforesaid building subject to compliance of the following fire safety measures.

The Fire & Life safety measures which was issued vide this office memo no WBFES/ D.O., Howrah / FP/ 2098 / 14 /HWH/ R.B./ 854 /14 Date 24/2/14 will remain unchanged & strictly to be followed.

Howrah
11/2/14

Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services

Encl :
1. One set of plan

Government of West Bengal
Office of the Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services
430 G.T. Road (N), Howrah- 1

Memo no- WBFES/ D.O., Howrah / FP/ 2152 / 14 /HWH/R.B./ 854 /14

Date 14/3/14

From : The Divisional Fire Officer, Howrah Division.
West Bengal Fire & Emergency Services.

To Shri Sushil Kr. Agarwal & Others,
113 Benaras Road , Salkia,
Dist.- Howrah.



CORRIGENDUM

Please read Sushil Kr. Agarwal in place of Sunil Kr. Agarwal in the fire & Life Safety recommendation issued vide this office memo no. WBFES/DO, Howrah/FP/2098/14/How/R.B./854/14 dated 24/2/14.

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14/3/14

Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services

Government of West Bengal
Office of the Divisional Fire Officer
Howrah Division
West Bengal Fire & Emergency Services
430 G.T. Road(N)
Howrah-1

Memo No.: WBFES/D.O, Hwh/ FP/ 2013 / 2014

Date: 19/2/14

From : **The Divisional Fire Officer, Howrah Division.**
West Bengal Fire & Emergency Services.

To *Shri Sushil Kr. Agarwal*
Othery
113, Benaras Road, Salkia,
Dist. - Howrah.

Sub : Demand Notice under Section 11C of WBFS Act. 1950 as amended for issue of Fire safety recommendations for the premises no. 113, Benaras Road, Salkia,
P.S. - Golbani, Ward No. -10, Borough - D, Dist - Howrah.

With reference to the building application submitted in respect to the above proposed this is to inform you that building permit along with the sanctioned plan will be issue subject to the payment of fee amounting Rs.26452/-..... you are hereby requested to remit the above amount within three months from the date of issuance of this Demand Notice.

Total Floor Area (in Sq. mtr.) 8817.188 M².....

Ground Floor Area (in Sq. mtr.) 1511.262 M².....

Total Additional Floor Area —.....

Primary Group of Occupancy Residential.....

Abutting Road Width 10.799 M......

Amounting words -- Rupees Twenty Six thousand Four hundred fifty two only.

Mode of Payment :

Treasury Challan drawn in favour of "0070-other Administrative Services-60-109-Fire Protection and Control-001-fees under the West Bengal Fire Services Act-14-Service Fees" (A/C's Code: 0070-60-109-001-14) to be deposit in Treasury/RBI.

The Treasury/RBI challan receipt (In Original) should be submitted in this Office. On receipt of the same fire safety recommendation. will be issued.

Chatterjee
19/2/14

Divisional Fire Officer
West Bengal Fire & Emergency Services