

**GOVERNMENT OF WEST BENGAL
OFFICE OF THE DIVISIONAL FIRE OFFICER
WEST BENGAL FIRE & EMERGENCY SERVICES**

Memo No : IND/WB/FES/20202021/12235

DATE: 05/02/2020

From :

**The Divisional Fire Officer
Fire Prevention Wing,
West Bengal Fire & Emergency Services.**

To :

**SMT. JHUMA BISWAS AND OTHERS DEVELOPED BY MANALI CONSTRUCTION
G 6 SEVEN STORIED RESIDENTIAL BUILDING OF SMT. JHUMA BISWAS
D O LATE PHANI BHUSHAN DHAR AND OTHERS LR PLOT NO 5219,5220,5221,AND
5223. R S PLOT NO- 351 AND 356. KHATIAN NO- 902 AND 185 JL NO 107 MOUZA
FULJHORI
PO PS DURGAPUR
Durgapur F.S., Durgapur PS,
Paschim Bardhaman - 713206 .**

**Sub :Fire Safety Recommendation for a proposed construction of G + 6 seven
storied building under group Residential at the premises no.- G 6 SEVEN STORIED
RESIDENTIAL BUILDING OF SMT. JHUMA BISWAS D O LATE PHANI BHUSHAN DHAR
DEVELOPED BY MANALI CONSTRUCTION LR PLOT NO 5219,5220,5221,AND 5223.
KHATIAN NO 902 AND 185 JL NO 107 MOUZA FULJHORI PO PS DURGAPUR,
Durgapur PS, Paschim Bardhaman - 713206**

This is in reference to your Application No. IND/WB/FES/20182019/12235,dated 10/09/2019,
regarding the Fire Safety Measure for a proposed construction of G + 6 SEVEN storied
building under group Residential at the premises no.- G 6 SEVEN STORIED RESIDENTIAL
BUILDING OF **SMT. JHUMA BISWAS D O LATE PHANI BHUSHAN DHAR** DEVELOPED BY
MANALI CONSTRUCTION LR PLOT NO **5219,5220,5221,5223** KHATIAN NO **902 AND 185**
JL NO 107 MOUZA FULJHORI PO PS DURGAPUR ,Durgapur PS, Paschim Bardhaman -
713206.

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 favour of the aforesaid building subject to the compliance of the following fire safety measure.

Recommendation:

1. A.CONSTRUCTION :

1.The whole construction of the proposed/Existing building shall be carried out as per approved plan drawings conforming the relevant rules of local Municipal Corporation. as well as N.B.C. of India 2005.

B.OPEN SPACE & APPROACH ROAD :-

- 1.The open space of the surrounding building shall conform the relevant buildings rules so as to permit the easy accessibility and maneuverability of Fire Appliances with turning facility.
- 2.The approach road shall be sufficiently strong to with stand the load of Fire Engine weighting up to 20 M.T.
- 3.The width and height of the access gates into the premises shall not be less than 4.5 M and 5 M respectively abutting the road. .

C.STAIR CASES :-

- 1.The stair cases of the building shall be enclosed /R/C/C/ type made of bricks having Fire Resisting capacity not less than 4 hrs.
- 2.The stair cases of the building shall have permanent vents at the top and open able sashes at each floor level in the external wall of the building.
- 3.The width, Tread, Rise & flight of the stair cases and corridors/Exit/Lobby etc. shall conform the relevant building rules.
- 4.All the stair cases shall be extended up to to terrace of the building and shall be negotiable to each other without entering into any room.
- 5.Fire and smoke check doors at the entrances of all stair case enclosures at each floor shall be provided. The F.C.D. shall be at least one hour Fire Resistance wire glass window fitted with Self-closing type open able in the direction of escape.
- 6.One another Stair case shall be constructed following N.B.C. Rule.

D.FIRE FIGHTING WATER :-

1. Underground W/R having capacity 2,00,000 lts. Exclusively for Fire Fighting purpose with replenishing arrangements @ 1000 lts/min .preferably from two different sources of water supply shall be provided.

2. The Fire water Reservoir shall have over flow arrangements with the domestic water reservoir as well as to avoid stagnancy of water. The water Reservoir shall be kept full at all time.

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E. FIRE PUMP :

1. Provision of the Fire pump shall have to be made to supply water at the rate designed pressure and discharge into the Master based system, which

2. shall be installed in the building. One such pump shall always be kept on stand by preferably be of diesel driven type.

3. Provision of Jockey pump shall also be made to keep the water based system under pressurized condition at all the time.

4. The suction of pumps shall preferably of positive type or in case of negative suction the system shall be Wet Riser-cum-Down comer with suitable terrace pump with overhead tank.

F. 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 sealed at alternative floor level.

G. FIRST AID FIRE FIGHTING SYSTEM :-

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

H. GENERAL RECOMMENDATIONS :-

- 1) In case of storing, keeping and processing any inflammable liquids/chemical /materials etc. beyond the limit of specific quantity. Fire license shall have to be obtained from this deptt.
- 2) Fire notice for Fire Fighting and evacuation from the building shall be prepared and displayed at all vulnerable places of the building.
3. Floor nos. and directional sign of escape route shall be displayed prominently.
4. The employees and security staff shall be conversant with installed the Fire Fighting equipments of the building and to operate in the event of Fire and testing.
5. Arrangement shall be made for regular checking, testing and proper maintenance of all the Fire Safety installations and equipments installed in the building to keep them in perfectly good working condition at all times.
6. A crew of trained Fireman under experienced officer shall be engaged round the clock for safety of the building and occupants.

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7. Mock Fire Drill and Evacuation drill shall be performed periodically with participation of all occupants of the building.
8. Every year a certificate is to be obtained from this Deptt. certifying about the satisfactory services, performance of all the lives and Fire safety arrangement and installation of the building.
9. Any deviation and changes the nature of use of the building other than approved plan drawings shall not be permitted without prior permission from this office.
10. After completion of entire construction of the proposed/existing building and Fire safety installations, a letter of information must be communicated to the office for further inspection to issue the Final N.O. C.
11. Violation any of the above recommendations the provisional N.O.C. shall be treated as cancelled as legal action may be taken as per existing F.S. Act & Rules 1950 (Amended up to date).
12. This Fire Safety Recommendation / Fire Safety Certificate in connection with Provisional N.O.C. valid for one Year from the Date of Issue and Prior information is required for further extension the period.

2. A. CONSTRUCTION :

1.The whole construction of the proposed/Existing building shall be carried out as per approved plan drawings conforming the relevant rules of local Municipal Corporation. as well as N.B.C. of India 2005.

B.OPEN SPACE & APPROACH ROAD :-

- 1.The open space of the surrounding building shall conform the relevant buildings rules so as to permit the easy accessibility and maneuverability of Fire Appliances with turning facility.
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- 6.One another Stair case shall be constructed following N.B.C. Rule.

D.FIRE FIGHTING WATER :-

- 1.Underground W/R having capacity 2,00,000 lts. Exclusively for Fire Fighting purpose with replenishing arrangements @ 1000 lts/min .preferably from two different sources of water supply shall be provided.
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F. ELECTRICAL INSTALLATION & DISTRIBUTION :-

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Divisional Fire Officer
West Bengal Fire & Emergency Services

Validity unknown

Digitally signed by KUSHAR
KANTI SEN
Date: 2020.02.05 16:49:44 IST