

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

Memo No : IND/WB/FES/20182019/17161

DATE: 03/10/2018

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

To :
JHANTU DAS SONTU DAS AND OTHERS
JHANTU DAS SONTU DAS AND OTHERS PROPOSED G 5 STORIED RESIDENTIAL
COMPLEX DEVELOPED BY MANALI CONSTRUCTION KH NO-2507 2508 2509 RS PLOT
NO-221 222 LR PLOT NO-220 222 MOUZA-FARIDPUR JL NO-74 PS-FARIDPUR
BENACHITY DURGAPUR-13
Durgapur F.S., Durgapur PS,
Paschim Bardhaman - 713213 .

Sub :Fire Safety Recommendation for a proposed construction of G + 5 storied
building under group Residential of SIMA DAS JHANTU DAS AND SONTU DAS
DEVELOPED BY MANALI CONSTRUCTION at the premises no.- KH NO-2507 2508 2509
RS PLOT NO-221 222 LR PLOT NO-220 222 MOUZA-FARIDPUR JL NO-74 PS-
FARIDPUR BENACHITY DURGAPUR-13,Dist-Paschim Bardhaman - 713213

This is in reference to your Application No. IND/WB/FES/20182019/17161, dated 03/10/2018, regarding the Fire Safety Measure for a proposed construction of G + 5 storied building under group Residential of SIMA DAS JHANTU DAS AND SONTU DAS DEVELOPED BY MANALI CONSTRUCTION at the premises no.- KH NO-2507 2508 2509 RS PLOT NO-221 222 LR PLOT NO-220 222 MOUZA-FARIDPUR JL NO-74 PS-FARIDPUR BENACHITY DURGAPUR-13,Dist-Paschim Bardhaman - 713213.

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 1,00,000 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.

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 :-

5. 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.
6. The vertical ducts shall be sealed at alternative floor level.:

G. FIRST AID FIRE FIGHTING SYSTEM :-

7. 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.

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.

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**Divisional Fire Officer
West Bengal Fire & Emergency Services**

Signature valid
Digitally signed by ASHIM
SARKAR
Date: 2013.10.03 16:46:58 IST