

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

Memo No : IND/WB/FES/20192020/81806

DATE: 14/02/2020

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

To :
G 6 STORIED RESIDENTIAL BUILDING IN FAVOUR OF SRI TAPAS ROY AND SRI
RANJIT ROY
G 6 STORIED RESIDENTIAL BUILDING IN FAVOUR OF SRI TAPAS ROY AND SRI
RANJIT ROY
AT ANDAL OVER PLOT NO. 1122, 2027, 1124, KH. NO. 3400, 3401, MOUZA-
RAMPRASADPUR, JL NO.51, PS- ANDAL, UNDER PASCHIM BARDHAMAN ZILA
PARISHAD, PASCHIM BARDHAMAN.
Raniganj F.S., Andal PS,
Paschim Bardhaman - 713321 .

Sub :Fire Safety Recommendation for a proposed construction of G+6 storied
building under group Residential, in favour of Sri Tapas Roy & Sri Tanjit Roy, at, Andal,
Plot No. 1122, 2027, 1124, Kh. No. 3400, 3401, Mouza- Ramprasadpur, J.L No.51, PS -
Andal, under Paschim Bardhaman Zila Parishad, Dist. Paschim Bardhaman.

This is in reference to your Application No. IND/WB/FES/20192020/81806,dated 16/02/2020,
regarding the Fire Safety Measure for a proposed construction of G+6 storied building under
group Residential, in favour of Sri Tapas Roy & Sri Tanjit Roy, at, Andal, Plot No. 1122, 2027,
1124, Kh. No. 3400, 3401, Mouza- Ramprasadpur, J.L No.51, PS - Andal, under Paschim
Bardhaman Zila Parishad, Dist. Paschim Bardhaman..

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 existing building shall be carried out as per approved plan drawings conforming the relevant building rules of local Municipal Body /Local authority.
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. specifications.
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 approach roads shall be sufficiently strong to withstand the load of Fire Engine weighting up to 45 M.T.
2. The width and height of the access gates into the premises shall not be less than 4.5M and 5 M respecting abutting the road.

2. (C) FIRE FIGHTING WATER:

Under Ground Water reservoir Having Water Capacity at 50,000 Lts. Overhead reservoir of 10,000Lts. Capacity exclusively for Fire fighting purpose with replenishing arrangements @ 900 Lts. /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.

(D) HYDRANT SYSTEM:

1. Provision for Hose Reel in conjunction with Ring main reservoir through booster pump of 900 L.P.M shall be made. Conforming the relevant I.S. Specifications.

(E) ELECTRICAL INSTALLATION & DISTRIBUTION:

1. The electrical installation including transformers, Switch Gears, Main & Meters etc 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 electrical installation shall be adequately protected with MCB.
3. Alternative power supply :

3. 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, corridors etc and other places of assembly of the building in case of normal power failure.

(F) DETECTION, ALARM AND SUPPRESSION SYSTEM:

1. Manually operated Electrical Fire Alarm system with at least one numbers of break glass

type call boxes fitted with Hooters along with public address system, talk back system at ground floor connecting with audio-visual panel board shall be made in control Room, The control Room shall be located at the entrance of the building, other requirements of the system shall be made conforming I.S. 2189-1988.

2. Hooter will be sounded in such a manner so that an operation of a Detector or Manual call point Hooters will sounded on the same floor and immediate alternate floor.

3. Public Address System:

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

(G) FIRST AID FIRE FIGHTING SYSTEM:

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.

4. (H) GENERAL RECOMMENDATIONS:

1. Fire License shall have to be obtained for proposed storing and processing with L.P.G. and other highly combustible articles.
 2. Fire Notice for Fire fighting and evacuation from the building shall be prepared and be displayed at all vulnerable places of the building.
 3. Directional sign of escape route shall be displayed prominently.
 4. The employees and security staff shall be conversant with installed Fire Fighting equipment 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 installation and equipment installed in the building to keep them in perfectly good working conditions at all times.
 6. Mock Fire practice and evacuation drill shall be performed periodically with participation of all occupants of building.
 7. 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.
- On compliance of all the 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 safety Recommendation will be treated as cancelled also instructed to obtain the Fire Safety Certificate after compare the FSR.

Divisional Fire Officer
West Bengal Fire & Emergency Services

Signature valid

Digitally signed by NITAI
CHATTOPADHYAY

Date: 2020.02.14 14:48:03 IST