

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

Memo No : IND/WB/FES/20182019/45723

DATE: 29/03/2019

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

To :  
BINAYAK DEVELOPERS  
RS Plot No-47, LR Plot No-353,388, RS Kh.No-65,86, LR Kh.No-353,1990, JL No-111,  
Mouza-Tetikhola  
Durgapur F.S., N.T.P.S. Durgapur PS,  
Paschim Bardhaman - 713212 .

Sub :Fire Safety Recommendation for a proposed construction of G + 7 storied building under group Residential at the premises no.- RS Plot No-47, LR Plot No-353,388, RS Kh.No-65,86, LR Kh.No-353,1990, JL No-111, Mouza-Tetikhola, N.T.P.S. Durgapur PS, Paschim Bardhaman - 713212

This is in reference to your Application No. IND/WB/FES/20182019/45723, dated 29/03/2019, regarding the Fire Safety Measure for a proposed construction of G + 7 storied building under group Residential at the premises no.- RS Plot No-47, LR Plot No-353,388, RS Kh.No-65,86, LR Kh.No-353,1990, JL No-111, Mouza-Tetikhola, N.T.P.S. Durgapur PS, Paschim Bardhaman - 713212.

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. R E C O M M E N D A T I O N S 1. The whole construction of the proposed building shall be carried out as per approved plan drawings

conforming the relevant rules of local/Panchayet/Municipality / Zilla Parishad/ Municipal Corporation as well as N.B.C. of India 2005. 2. The interior finish decoration of the building shall be made low flame spread materials conforming I.S. specifications. 3. The open space of the block shall be surrounding building shall conform the relevant buildings rules as well as to permit the easy accessibility and maneuverability of Fire Appliances with turning facilities. 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. & two stair cases for each provided. 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 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 shall be provided at least one hour Fire Resisting Wire glass window fitted with self closing type open able in the direction of escape. LIFT :- (IF ANY): 1. The walls of the lift enclosure shall be at least two hr. Fire Resisting type collapsible gate shall not be permitted. 2. One of the lift shall be designed for Fire lift if the height of the building exceeds 15 M. Cont.....P/2 FIRE FIGHTING WATER :- 1. Underground W/R having Water capacity 25,000 lts and over head reservoir of 10,000lts 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 with water at all time. 3. HYDRANT AND WATER LAY OUT SYSTEM :- a. The proposed building shall be provided with Wet Riser (down comer) of 100 mm internal diameter pipe line with the provision of landing valves at the stair case landings/half landings at the rate of one such riser for 1000 m<sup>2</sup> of floor area. The system shall be so designed that shall be kept charged with water all the time b. Under the running pressure shall not be less than 2.5 kg/cm<sup>2</sup> All other requirements shall conform IS 3844-1989. c. Provision of standard hose reel hose supplied from the over head reservoir through the Booster pump shall have to be in all the floor of the building satisfying the Code of I.S. 3844-1989 d. Yard hydrant/Ring main type at least three numbers hydrant shall be installed surrounding the building in accordance with relevant I.S.

specification. 4. FIRE PUMP a. Provision of Fire pump shall have to be made to supply water at the rate designed pressure and discharge into the Master Based system, which shall be installed in the building one such pump shall be kept on stand- by preferably be of diesel driven type.

b. A separate Fire pump shall preferably be made for the total sprinkler Installation of the building Provision of Jockey pump shall also to be made to keep the water based system under pressurized condition at all time. c. The suction of pumps shall preferably be 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. 5. ELECTRICAL INSTALLATION & DISTRIBUTION:- a. 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. b. The Vertical ducts shall be supplied sealed at alternative floor level. c. The electrical installation shall be adequately protected with CO2 /D.C.P. or Medium Velocity water projector system. d. Alternative power supply :- Arrangements shall be made to supply with the help of generator(D.G.Set) to operate at least the Fire pump, pump for deep tube well . Fire Alarm system, Fire lift etc. and also illuminating the stair case, corridors, exit etc. of the building in case of normal power failure. 6. DETECTION , ALARM AND SUPPRESSION SYSTEM :- a. Manually operated Electrical Fire Alarm system with at least three nos.of break glass type call boxes fitted with hooters along with P.A.system, tack back facilities at each floor connecting with audio- visual panel board shall be made in the control room. The control room shall be located at the entrance of the ground floor of the building. b. Auto Fire Alarm system with an along addressable, smoke heat detector as per suitability shall be installed at each floor of the building. c. All other requirements in this regard shall be made in accordance with I.S. specifications 2189-1988 and the code of practice as laid down in the N.B.C of India-2005(.Part- IV ) 7. A.C.SYSTEM :- (If any ) :- a. The A.H.U. shall be separated for each floor with the system of Air Ducts for individual floors. b. Arrangement shall be made for isolation at the strategic Locations by incorporating Auto Dampers in the A.C.System. c. The system of auto shut down of A.H.U. shall be incorporated with the auto detection and alarm system. d. The air handling unit's room shall not be used for storage of any combustible materials. e. All other requirements in this regard shall be provided as land down N.B.C. of India 2005 ( Section -III of Part- VIII ). 8. 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. 9. GENERAL RECOMMENDATIONS :- a. In case of storing, keeping and processing any inflammable liquids/chemical /articles/gases etc. beyond the limit of specific quantity. Fire license shall have to be obtained from this deptt. b. Fire notice for Fire Fighting installations and evacuation from the building shall be prepared and displayed at all vulnerable places of the building. c. Floor nos. and directional sign of escape route shall be displayed prominently. d. 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. e. 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. f. A crew of trained Fireman under experienced officer shall be engaged round the clock for safety of the building. g. Mock Fire Drill and Evacuation drill shall be performed periodically with participation of all occupants of the building. h. 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. i. 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. j. After completion of entire construction of the proposed building and Fire safety installations, a letter of information must be communicated to the office for further inspection to issue the Fire Safety certificate of the building if satisfied by the authority. k. In case of any land dispute /building dispute /Litigation between landlord and tenants /court case etc if arises any time this department has no liabilities and responsibilities in this matter. l. Violation any of the above recommendations. shall be treated as cancelled as legal action may be taken as per existing F.S. Act & Rulrs1950(up to date amended).

Signature valid

Digitally signed by NITAI  
CHATTOPADHYAY  
Date: 2019.03.29 01:56:31 PDT

Divisional Fire Officer  
West Bengal Fire & Emergency Services

Govt. of West Bengal  
Fire Services  
e-Challan

GRN: 19-201819-038293578-1

GRN Date: 28/03/2019 22:45:47

BRN: CKI9823662

Payment Mode: Online Payment

Bank: State Bank of India

BRN Date: 28/03/2019 22:47:08

DEPOSITOR'S DETAILS

Name: BINAYAK DEVELOPERS Id No.: IND/WB/FES/20182019/4  
Contact No. [REF No]  
E-mail: binayak.developerssgp@gmail.com Mobile No. +91 9734203957  
Address: Regional Language  
User Type:  
Name: Director General

From Date: 28/03/2019

To Date: 28/03/2019

Address

Remarks: Fees under West Bengal Fire Services Act

PAYMENT DETAILS

Sl. No.	Identification No.	Head of A/C Description	Head of A/C	Amount[ ₹]
1	IND/WB/FES/20182019/45723	Fees Under West Bengal Fire Services Act- Service Fees	0070-60-109-001-14	139310

In Words: Rupees One Lakh Thirty Nine Thousand Three Hundred Ten only

Total Amount

139310