



Government of West Bengal
Office of the Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata – 16

Memo No.: FSR/2/0225186228700798

Date : 19-06-2025

**From :
Director
Fire Prevention Wing
West Bengal Fire & Emergency Services**

**To :
REVISED PLAN FOR (G+XXXI) STORIED RESIDENTIAL BUILDING & (G+1) STORIED MULTI-PURPOSE BLOCK
Horizontal & vertical Ext.**

Sub : Revised Fire Safety Recommendation (RFSR) for Proposed Construction of G+XXXI Storied Residential Building & G+1 Storied Multi-Purpose Hall Block under Principal Group Residential at premises no.- 33A/3, Canal South Road, K.M.C., Ward No.- 57, Borough No.- VII, P.S.- Tangra, Kolkata-15, U/R 26(2a) and (2b) complying KMC Building Rule 2009 along with addition/alternation U/S 394 of KMC Act, 1980. .

This is in reference to your AIN 211882506300001657 dated 30-Apr-2025 regarding the Revised Fire Safety Recommendation (RFSR) for Proposed Construction of G+XXXI Storied Residential Building & G+1 Storied Multi-Purpose Hall Block under Principal Group Residential at premises no.- 33A/3, Canal South Road, K.M.C., Ward No.- 57, Borough No.- VII, P.S.- Tangra, Kolkata-15, U/R 26(2a) and (2b) complying KMC Building Rule 2009 along with addition/alternation U/S 394 of KMC Act, 1980. .

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 office is issuing Revised Fire Safety Recommendation in favor of the aforesaid building subject to the compliance of the

Recommendation :

Please strictly comply with the earlier issued Revised Fire Safety Recommendation was issued vide memo no.- FSR/2/0225186228700798 Dt. 13.01.2025.(AIN 211882406300000982), Shall remain same and the same shall be applicable for enclosure proposed addition and alternation shown in the plan drawing for strictly compliance with addition to the following:-

1. Additional Recommendation: -



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1. Sprinkler system: Sprinkler system & other its related accessories shall have to be provided & Sprinklers shall have to be provided in Block-B.
 2. Detection System: Detection System as applicable shall have to be provided in Block-B.
 3. MCP & Hooter should be provided in Block-B.
2. 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 the 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 auto detection and alarm system.
 4. The air handling Units room shall not be used for storage of any combustible materials.
 5. The A.H.U. shall be separated for each floor with the system .Air ducts for individual floors.
 6. Arrangement shall be made for isolation at the strategic locations by incorporating auto dampers in the air conditioning system.
 7. The system of Auto shut down of A.H.U. shall be incorporate with the auto detection and alarm system.
 8. Escape route like staircase, common corridors lift lobby etc. shall not be used as return air passage.
 9. The A.H.U. room shall not be used for storage of any combustible materials.
 10. Arrangements shall be made for isolation at the strategic location by incorporating auto dampers in the Air Conditioning System.
 11. Wherever the ducts pass through Fire Wall of Floors, the opening around the ducts shall be sealed with fire resisting materials such as asbestos etc.
 12. The metallic ducts shall be used even for the return air instead of space above the false ceiling.
 13. The material used for insulating the duct system (inside or outside) shall be of non-combustible materials .Glass wool shall not be wrapped or secured by any materials of combustible nature . If the air handling unit serve more than one floor, the recommendation given above shall be complied with in addition as below:---
- (a) proper arrangement by way of automatic fire dampers working on fusible link for isolating all ducts at every floor from main riser shall be made.
 - (b) The vertical shafts for treated fresh air shall be of masonry construction.
 - (c) The air filter for A.H.U. shall be of non-combustible materials.
 - (d) The A.H.U. room shall not be used for storing any combustible material.
 - (e) Inspection panel shall be provided in the main trunk to facilitate the cleaning of ducts of accumulated dust and to obtain access for maintenance of fire dampers.

Q. FIRE DAMPER:--

Fire dampers shall be located in conditional air ducts and return air ducts/passage at the following points:--

- 1) At the fire separation wall.
- 2) There ducts/passage enter the central vertical shaft.
- 3) Where the ducts pass through floors.
- 4) At the inlet of supply air duct and the return air duct of each compartment in every floor.
- 5) The damper shall operate automatically and shall simultaneously switch off the air Handling fans. Manual operation facilities shall also be provided.
- 6) Automatic Fire Dampers shall be so arranged so as to close by gravity in the direction of air movement and to remain rightly closed open operation of a fusible link.

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, Fire Safety Certificate 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.



Signature Not Verified

Digitally Signed.
Name: ABHIJIT PANDEY
Date: 19-Jun-2025 12:38:02
Reason: D-Sign
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Director

West Bengal Fire and Emergency Services