MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

No: FB/H/0D/1025

Sub: Fire Safety Requirements for Existing Glass Façade Buildings

Ref: MGC/F/779 dated 21-07-2016

Hon M.C. approval has been obtained u/n MGC/F/779 dated 21-07-2016 for the following:

- 1) Imposing newly proposed Fire Safety Requirements for Existing Glass Façade Buildings.
- 2) To publish Appeal on MCGM website for compliance of the Fire Safety Requirements for Existing Glass Façade Buildings.
- 3) To Stipulate Fire Safety requirements for newly proposed Buildings either as per earlier approval i.e. B.R.C. no 01 dated 28-08-2013 or as per the Model Building Byelaws.

Accordingly, the copy of Brigade Circular for imposing fire safety requirements to the glass façade buildings is attached herewith for information please,

P S Ranangdale
Chief Fire Officer

To, Ch. Eng. (D.P.) MCGM Dy CNE (BSP) WS-I/WS-II/ES/GRY/SP]. CELL

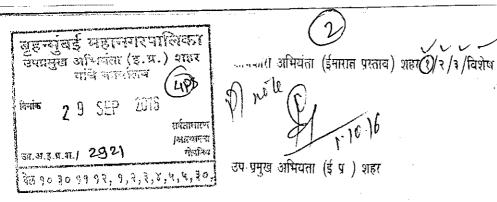
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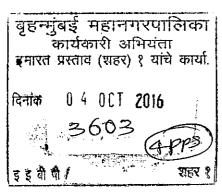
बृहन्नुंबई महानगर पालिका ख अभियंता (विकास नियोजन) यांचे कार्यालय

Chief Engineer (DF)

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MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

No: 1984/655

Date: 25/4/16.

Sub: Imposing fire safety requirements pertaining to glass facade to the Buildings constructed prior to approval of the fire safety guidelines dated 20-08-2013.

All the building proposals with glass facade received after 20-08-2013, have been issued with new fire safety guidelines approved by Hon M.C. (pl refer N-10).

Also there is need to impose feasible fire safety requirements for the existing Buildings. With reference to the Note "A" on page No N-23 of Ch Eng (DP) and subsequent discussion held in Hon M C.'s office, the joint meeting was conducted at C.F.O.'s office with representatives of PEATA and MCHI on 9-4-2016 to finalize the fire safety requirements prepared by Mumbai Fire Brigade for the existing building with glass facade. After detailed discussion, following fire safety guidelines are formulated. If approved by Hon M.C., it will be displayed in appeal form on the MCGM website.

- The buildings which have been issued with fire safety requirements for glass facade earlier to 20-8-2013, will comply with those requirements and the compliance shall be verified during routine Inspection as per Maharashtra Fire Prevention & Life Safety Measures Act 2006, by Mumbai Fire Brigade.
 - II. These newly proposed fire safety requirements will be applicable only to those existing buildings which have not been issued with fire safety requirements for glass facade earlier. The occupier/s / owner/s of such Buildings will comply all these fire safety requirements within 120 days of the publishing of the appeal and submit compliance report to the Chief Fire Officer.
 - III. Henceforth the proposals with glass facade will be stipulated with fire safety requirements approved by Hon M.C. on 20-8-2013 or requirements as per Model Building Bye-laws. (C-181).

FIRE SAFETY REQUIREMENTS FOR EXISTING GLASS FACADE BUILDINGS:

- 1) The smoke seals / barriers between building wall and facade shall be provided at every floor level in the form of non-combustible material / vermiculate cement.
- 2) Glass facade blocking the area of staircase, lift lobby and corridor shall be kept openable. If staircase / lift lobby is pressurized, the pressurization system shall be synchronized with the glass facade window opening mechanism.
- 3) Minimum 2.5% of the floor area of each compartment on each floor shall be kept openable.
- 4) Refuge areas shall be preferably kept open above the height of 1.20 mtrs. from the flooring level. However, if already covered with glass facade, all the glass panels shall be openable (either left of right hinged) both from inside as well as outside.

In view of the above, Hon. M.C.'s approval is requested for following:

- 1) Proposed Fire safety requirements for existing buildings.
- Publishing appeal on MCGM website for compliance of the fire safety requirements by existing buildings.
- 3) Stipulating fire safety requirements as per earlier Hon M.C.'s approval dated 20-8-2013 or as per Model Building Bye Laws for proposals received henceforth.

D.M.C. (C.P.D.)

A.M.C. (W.S.)) Line (A.S.)

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क्ष्मकृत्वे महानगरमः वा **इप आयुक्त (म. ख. खा.)** पांच कार्यालय

2 5. JUL 2016 दिनांक:

क्रमांकः उप आ./प.ख.सार १०००

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MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

BRIGADE ROUTINE CIRCULAR NO 61 DATED 23/09/2016

Sub: Fire Safety Requirements To The Glass Façade Buildings

Hon M.C. approval has been obtained u/n MGC/F/779 dated 21-07-2016 for the following:

- A. Imposing newly proposed Fire Safety Requirements for Existing Glass Façade Buildings.
- B. To publish Appeal on MCGM website for compliance of the Fire Safety Requirements for Existing Glass Façade Buildings.
- C. To Stipulate Fire Safety requirements for newly proposed Buildings either as per earlier approval i.e. B.R.C. no 01 dated 28-08-2013 or as per the Model Building Byelaws.

All the officers are hereby directed to take note of the same and follow it scrupulously.

Fire Safety requirements for existing glass façade buildings:

- The smoke seals / barriers between building wall and façade shall be provided at every floor level in the form of non-combustible material / vermiculate cement.
- 2. Glass façade blocking the area of the staircase, lift lobby and corridor shall be kept openable. If staircase / lift lobby is pressurized, the pressurization system shall be synchronized with the glass façade window opening mechanism.
- 3. Minimum 2.5% of the floor area of each compartment on each floor shall be kept openable.
- 4. Refuge areas shall be preferably kept open above the height of 1.20 m from the flooring level. However if already covered with glass façade, all the glass panels shall be openable (either left or right hinged) both from inside as well outside.

These newly proposed fire safety requirements are applicable only to those buildings which have not been issued with fire safety requirements for glass façade earlier. The occupier/s owner/s of such buildings shall comply all these fire safety requirements within 120 days of the publishing of the appeal and submit compliance

report to the Chief Fire Officer. The appeal is being sent to Director I.T. for publishing on MCGM website.

All the senior as well as nominated officers are hereby directed to take note of it and verify the compliance during the routine inspection. If found non-complaint after 120 days of publishing the appeal on MCGM website, Notice shall be issued under Maharashtra Fire Prevention & Life Safety Measures Act 2006.

Chief Fire Officer

Copy to:

- 1. All Dy Chief Fire Officers
- 2. All Div. Fire Officers
- 3. All Asst Div. Fire Officers
- 4. All Officer In-charge
- 5. All Nominated Officers
- 6. A.O.
- 7. All Head Clerk

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Dy. Chief Fire Officer