

MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE

No: FB/H/OD/1025

Date: 23/09/2016

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 Rahangdale~~
Chief Fire Officer
23/9/16

To,
Ch. Eng. (D.P.)
MCGM

Dy CNE (BP) WS-I/WS-II/ES/GR/SP. cell

for n.a. please.

CHE/DP/20419/Geo
27.09.16

~~Chief Engineer (DP)~~
26/09/16

बृहन्मुंबई महानगर पालिका			
ख अभियंता (विकास नियोजन)			
यांचे कार्यालय			
		३	
		४	
		५	
		६	
26 SEP 2016			
020419			
अ.दि.नि.			
विरण	राहस	पूर्व, उप	प. उप
अधि.	टिडीआर	लेख	आस्था

2

बृहन्मुंबई महानगरपालिका
 उपप्रमुख अभियंता (ई.प्र.) शहर
 यांचे कार्यालय

दिनांक 29 SEP 2016

उप.अ.इ.प्र.पा./ 2921

देख १० ३० ११ १२, १, २, ३, ४, ५, ६, ३०.

उप-प्रमुख अभियंता (ई.प्र.) शहर (१/२/३/विशेष)

प्री नॉले

1.10.16

उप-प्रमुख अभियंता (ई प्र) शहर

बृहन्मुंबई महानगरपालिका
 कार्यकारी अभियंता
 इमारत प्रस्ताव (शहर) १ यांचे कार्या.

दिनांक 04 OCT 2016

3603

4 PPS

इ ई वी पी / शहर १

A. E. (BP) (City) I, II, III, VI

04/10

E.E.(BP) (City) I

MUNICIPAL CORPORATION OF GREATER MUMBAI

MUMBAI FIRE BRIGADE

No: PBH/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.

- I. 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 or 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.
- 2) 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.

In AB:

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

A.M.C. (M.S.)

Hon M.C. sir

[Signature]
Chief Fire Officer

बृहन्मुंबई महानगरपालिका उप आयुक्त (म. ख. खा.) यांचे कार्यालय	
दिनांक:	25 APR 2016
वर्ग:	१७, १८, १९, २०, २१, २२, २३, २४, २५, २६, २७, २८.

Pl. discuss
215 321919
Dmc (CPD)
उप आयुक्त (म. ख. खा.)

Discussed with representative of CPD on 28-5-16
A.M.C.(WS) submitted for approval please

उप. आ./म.ख.खा./2016
दिनांक 28.04.16

215 321919
Dmc (CPD)
उप आयुक्त (म. ख. खा.)

Approved. However failure to comply the regulations notice be issued as per provision of MFS Act.

Dmc (CPD) was on E. leave from 28-4-2016 **Municipal Commissioner** *[Signature]*

उप. आ./म.ख.खा./१०६०
दिनांक २६-०७-१६

महानगरपालिका
यांचे कार्यालय
30 MAY 2016
क्र. अति.आ./प.अप./१८२/१

Ref.
Sub:- Imposing fire safety equipments
Pertaining to glass facade to the
Buildings constructed prior to approval
of the fire safety guidelines dated 20-8-
Ref - AMCPWS/I/1007 dt-22-7-16

20.07.16

~~DMC (CP)~~

for further necessary act

please

बृहन्मुंबई महानगरपालिका
आयुक्तांचे कार्यालय
20 JUL 2016
क्र. अति.आ./प.अप./१८२/१
म.ख.खा./१०६०
म.ग.अ.प./७७९

उप आयुक्त (म. ख. खा.)
DMC (CP)

DMC (CH)
Discom this issue in all
Dy PFO meeting held 29/7/16

21/07/2016

बृहन्मुंबई महानगरपालिका
अति. आयुक्त (प.अप.)
यांचे कार्यालय
21 JUL 2016
क्र. अति.आ./प.अप./१००७/१

(CP)

22.07.16

बृहन्मुंबई महानगरपालिका
उप आयुक्त (म. ख. खा.) यांचे कार्यालय
दिनांक: 25 JUL 2016
क्रमांक: उप आ./प.ख.खा/१०६०
विभाग:
वेळ: १०,११,१२,१३,१४,१५,१६,१७,१८.

प्रमुख अग्निशमन अधिकारी
यांचे कार्यालय
27 JUL 2016
M/698

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:

1. 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

KA
23/9/2016
Dy. Chief Fire Officer