MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

No: FBHIOD 1158

Date:

27.04.17

Sub: Streamline C.F.O. - N.O.C.

As per orders of Hon. M.C. sir, discussion was held along with M.C.H.I., NAREDCO and PEATA members to resolve various issues and streamline C.F.O. – N.O.C. for Building proposals. Accordingly various Forms are designed which are reproduced herewith as approved by Hon M.C. sir u/n MGC/A/5801 dated 07-04-2017. All officers are hereby directed to follow these guidelines scrupulously.

Please find attached herewith:-

- 1) Minutes of the meeting with Hon M.C. sir bearing No MGC/A/5801 dt 22-12-2016.
- 2) Documents required for Fresh and Amended proposal C-45
- 3) Format of Area Certificate for Fresh proposals C-47
- 4) Format of Area Certificate for Amended proposals C-49
- 5) Building Details Form 1 (for passive fire safety measures) to be submitted by Architect. C-51 to C-69
- 6) Sketch showing External Lift for Bldg having ht more than 70 M. C-71
- 7) Building Details Form 2 (for active fire safety measures) to be submitted by MEP consultant C-73 to C-77.
- 8) Documents required for NOC for occupation. C-79
- 9) Format of Area Certificate. C-81
- 10) Checklist for occupation to be submitted by Architect. C-83 to C-85.
- 11) Checklist for occupation to be submitted by Licensed Agency.- C-87 to C-89.
- 12) Parameters in which CFO NOC is NOT required for amended proposal.- C-91
- 13)Instructions to be followed by Officers of this Department. C-93

14) Instructions to be followed by Architects. - C-95.

Chief Fire Officer

To

Ch Eng (DP) - For information & incorporating in online building approval system.

All officers of Mumbai Fire Brigade – to follow with immediate effect.

M/S Softtech – For incorporation in online building approval system.

Chief Fire Officer

MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

No: FB/P/2254 Date: 30/03/2017

Sub: Streamlining C.F.O. Building Approval Procedure

Ref: 1) Meeting held in Hon. M.C.'s chamber on 21-12-2016 & 24-03-2017

2) FB/R-III/OD/4825 dt 16-02-2017 and MGC/A/5801 dt 24-03-2017

A meeting was held in Hon. M.C.'s chamber on 21-12-2016 regarding streamlining C.F.O. Building approval system, where C.F.O., Dy. C.F.O.s, Ch. Eng (DP) and representatives from PEATA, MCHI and NAREDCO were present. In the said meeting, Hon. M.C. has given directives to C.F.O. to prepare guidelines in consultation with PEATA, MCHI and NAREDCO for issuing C.F.O. NOC. Also CFO was directed to design a "Form" which shall comprise of all relevant information required for CFO Department to issue NOC. Copy of the Minutes of the meeting is attached (c- I)

Accordingly, three meetings were conducted by CFO along with PEATA, MCHI and NAREDCO on 04/01/2017, 12/01/2017 and 03/02/2017, wherein thorough discussion was done to simplify the forms and prepare guidelines. The guidelines and forms are finalized. The same were discussed in Hon. M.C. sir's meeting dated 24-03-2017 and as directed the final forms are submitted herewith.

1) Documents to be submitted along with fresh / amendment proposal which also includes gross built up area certificate, building details form 1 for passive safety fire measures to be filled in by Architect / Lic. Surveyor and building details form 2 for active fire safety measures to be filled in by MEP consultant. (c-4/3 to c-77)

2) Documents to be submitted along with application for NOC for Occupation which also includes gross built up area certificate, checklist 1 to filled in by Architect / Lic. Surveyor and check list 2 to be filled in by govt approved licensed agency. (c-79 to c-89)

- 3) Parameters in which CFO NOC is NOT required in case of Amendments. (c-91)
- 4) Instruction for Officers of CFO's Department. (c- 93)
- 5) Instructions for Architects / Licensed Surveyors for submitting proposal to CFO's Dept in online building approval system. (c- %5)

In view of the above, Hon. M.C. sir's approval is requested for above referred points 1 to 5,

In F.B.

HON. M.K.

Chief Fire Officer

17 6/4/12

महानगरपालिका आयुक्त

बृहन्मुंबई महानगरपालिका आयुक्तांचे कार्यालय

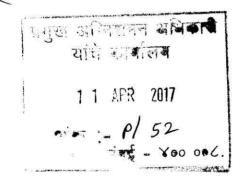
- 1 APR 2017

समय ११, १२, १३, १४ १५, *६६*, १७, १८

क्रमांक MGC ASSOI

(agri)

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MOST URGEN I MUNICIPAL CORPORATION OF GREATER MUMBAI

No. MGC/A/5801 dt. 22.12.2016

Minutes of the meeting of Hon'ble M.C. regarding streamlining C.F.O. Building Approval Procedure held on 21st December, 2016 in Hon'ble M.C.'s chamber

- 1. C.F.O. to prepare standard guidelines for issuing fire NOC for all types of buildings in consultation with MCHI, PEATA and NAREDCO. The form alongwith the guidelines be submitted to M.C. within 15 days for approval.
- 2. C.F.O. shall design a form for fire clearance which shall comprise of all relevant information required for C.F.O. Department to issue NOC.
- 3. The architect will submit the proposal to MCGM through Auto-DCR system. One copy of the same will be submitted to C.F.O. Deptt. for NOC. Once architect complies the proposed guidelines, the NOC shall be issued by C.F.O. within specific time frame.
- 4. After C.F.O. clearance, the NOC should come to Building Proposals Deptt. through system. If the proposal is rejected by the concerned officer of C.F.O. Deptt., specific reason shall be recorded in the rejection note. If the corrections are required in the proposal, the same shall be communicated at once during the first level of the scrutiny of the plan by the concerned officer of C.F.O. Deptt. If any correction is required thereafter, the same correction shall be communicated to the architect only after the approval of the next higher ranking officer.
- 5. Once the requirements are stipulated in the initial N.O.C., the N.O.C. at the time of occupation shall be issued on the basis of the same. No new changes / no new advanced equipments shall be insisted. However, C.F.O. can give advisory suggestion to the architect about such advancement.
- 6. C.F.O. shall define the guidelines where revised C.F.O. NOC is necessary / not necessary in case of amendments. If any minor changes are carried out as per the guidelines for the amendments, architect / developer need not require to obtain the NOC from C.F.O. Deptt. The amendments carried out within the purview of the guidelines for amendments, the same shall be approved at the time of NOC for final occupation.
- Ward-wise officers be appointed by C.F.O. and C.F.O. shall rotate designated officers handling building NOC proposals.

(Ajoy Mehta) Municipal Commissioner

C.F.O. Ch.E. (D.P.)

MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

DOCUMENTS REQUIRED FOR FRESH PROPOSAL

- 1) Gross Built up area certificate from Architect / Licensed Surveyor. There should be Registration Number below the signature. (Format attached).
- 2) Building Details Form 1 (passive fire safety measures) from Arch / Licensed Surveyor. (Format attached).
- 3) Building Details Form 2 (active fire safety measures) from MEP consultant. (Format attached)

DOCUMENTS REQUIRED FOR AMENDED PROPOSAL

- 1) Gross Built up area certificate from Architect / Licensed Surveyor. There should be Registration Number below the signature. (Format attached).
- 2) Building Details Form 1 (passive fire safety measures) from Arch / Licensed Surveyor. (Format attached).
- 3) Building Details Form 2 (active fire safety measures) from MEP consultant. (Format attached)
- 4) Previous N.O.C.s issued by this Department along with plans.
- 5) Letter stating what amendments are proposed in respect to last CFO's Dept Approval.

MUMBAI FIRE BRIGADE GROSS BUILT UP AREA CERTIFICATE

(For Fresh Proposal)

To, Chief Fire Officer Mumbai Fire Brigade

Sub:	Construction ofbuilding on plot bearing CTS No
Sir,	•
This is to cer	tify that the gross built up area of the Building which is
under your consideration for	or issue of NOC & located on above plot is sq
mtrs. The gross built up are	ea certified includes entire construction area including
areas of stilts, staircase, ba	asements, podiums, lifts, lift lobbies, passages, balconies,
refuge area etc.	
æ	
Thanking you,	*
Yours Sincerely,	
Signature of Architect / Lic	. Sureveyor
(Reg. No.)

MUMBAI FIRE BRIGADE GROSS BUILT UP AREA CERTIFICATE (For Revised / Amended NOC)

To, Chief Fire Officer Mumbai Fire Brigade

Sub:	Construction ofbuilding on plot bearing CTS No
Sir,	
This is to cer	rtify that the gross built up area of the Building which is under
your consideration for issu	ue of Revised / Amended NOC & located on above plot is
sq mtrs. The	gross built up area certified includes entire construction area
including areas of stilts, st	taircase, básements, podiums, lifts, lift lobbies, passages,
balconies, refuge area etc	> ,
A) Scrutiny/ capitati	ion Fees paid earlier Rs
B) Gross Built up a	rea as of Now sq mtrs.
C) Scrutiny fees ap	pplicable as per current rate current area X current rate
D) Scrutiny fees pa	ayable now C - A
	*
Thanking you,	
Yours Sincerely,	
Signature of Archite	ect / Lic. Sureveyor
(Reg. No.)

MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

BUILDING DETAILS FORM 1 (For Passive Fire Safety Measures) - to be filled by Arch / Licensed Surveyor

The Architect / Licensed surveyor shall ensure that following parameters are incorporated in the plans and shall be submitted along with the plans.

													2.								0			
Remarks																				20				
To be filled by Architect L.S.												X.	-											
Poference	Neielelloe										DCR Clause 2(11)(i)		DCR 2 (51)				NBC-Part 4	Clause 3.1.1	Group A Residential	Group B Educational	Group C Institutional	Group D Assembly	Group E Business	Group F Mercantile
O. disciplina	raniculars	Name and address of the	Architect / Licensed surveyor	Name and address of the	Firm of Architect / Licensed	surveyor	Tel No	Fax No	Email ID	Registration Number	Building - high rise or low	rise	Height of the building up to	terrace slab	Total No of floors (specify	service floor if any)	Type of Occupancy:			E)		43		
F	2 0	-						1			7		က		4		2							8

Sr	Particulars	Reference	To be filled by Architect L.S.	1 by Archit	ect L.S.		Remarks
00				ë			
		Group G Industrial					8
		Group H Storage					
		Group J Hazardous					
9	Fresh of Amendment or	To be specified by the		- 10 To 10 T			
	addition/alteration	Arch/ L.S.				2	
7	Proposal under scheme	Various scheme under	70				
		DCR such as 33(7).					
		33(10), etc.					
8	Gross Built up Area in Sq M						
တ	Means of access	DCR Clause 17					Any deviation to be
					r.		specified by the architect.
10	Open spaces at ground level in mtrs	Open spaces - DCR clause 43(1)		i H			
			1				
			North	Σ			
			South	Σ			
	2		East	Σ.	٠		я *
			West	M			
	if podium provided, from bldg	Podium – DCR clause	irectio		Podium	Bldg line	
	ine to podium and podium to plot boundary	43(1) & 38(34)	C i	podium	to plot boundary	to plot boundar v	
			North				
	· ·		South				50
			East				
	_	ş	West				
Ε.	No of staircases and its width	DCR 44(5) (A), Table 21. As per Occupant Load CI					

	Particulars	Reference	To be filled by Architect L.S.	Remarks
		37		
Trave	Travel Distance	DCR 43(2)(ii)(j)		
Prov	Provision of Fire Lifts	As per NBC 4.15		
Num	Number of Fire Lifts	As per NBC		
当	Lift lobby ventilation	Naturally ventilated (CFO		All basements and
		requirement) - Min 1 Sq M		typical floor in case of
		/ landing		building above 70
		ŏ		mtrs& special buildings shall be
		,	,	provided with smoke
		Pressurized –(DCR		cicco con con con con con con con con con
		appendix VIII-4(4)		
8	No of podium if provided	DCR 38(34) & 43(1)		
8	No of staircases	To be specified by Arch /		
8	No of Ramp & its width	L.S.		
No	No of car lifts			
No	No of Basements with depth	DCR 38 (9) or as per NBC		
		clause		
1st b	1st basement (- m)	To be specified by Arch /		
2 nd b	2 nd basement (m)	L.S.		
3 rd b	3 rd basement (m)			
Use	Use of basement	DCR 38 (9) (iv).		
1st b	1st basement	To be specified by Arch /	3	1 00
2 nd b	2 nd basement	ĽŠ.		
9 pg	asement			
	3rd basement			

Remarks											-	
						5	8	Height from gr level		proposed		
ect L.S.						ë		propose d		Mid-landing levels where refuge proposed		c
To be filled by Architect L.S.).			Require d 4%	•	ing levels w		
To be fille								Floor	047	Mid-landi		
Reference	To be specified by Arch / L.S. with diversion on ground floor as per the Clause No.	Appendix VIII (7)(2)	To be specified by Arch /	L.S.	DCR 38(9) / NBC Clause	Shall fulfill the criteria mentioned in NBC amended	DCR clause 44(7)			DCR clause 44(7)		DCR Clause 26 – (oil cooled) It shall be at least 3 M away from the Building and 1.5 M away
Particulars	No of staircases	Travel distance	No of ramp & its width	No of car lifts	Form of ventilation	Compartmentation	Refuge area location / floor level	If within Bldg line		If at staircase mid-landing		Location of Electric Substation
Sr 01						3	15	•				16

Remarks		
To be filled by Architect L.S.		
Reference	Trom the plot boundary. Dry type substation may be allowed touching Bldg line adjacent to nonhabitable area; in case of adjacent to habitable area; it shall be segregated with min 2 hr fire resistant RCC wall and exit to such substation shall directly lead to outside open space of the building. Appropriate ventilation / cut-out shall be provided. Dry type substation may be allowed within Bldg line on ground floor in stilts, in first basement or on podium.	DCR 38(13) It shall be either on ground floor, first basement or podium. It shall not be housed in staircase shaft and shall be easily accessible. Ventilation shall be provided.
		Location of Electric Meter Room / Panel

Remarks			
To be filled by Architect L.S.			
Reference	All high rise buildings shall be provided with an electrical duct having opening (Insp door having 2 hr fire resistance) in lobby at typical floor level. Electrical duct shall not open in staircase shaft. The duct shall be sealed at every floor level with vermiculate cement of appropriate material.	All high rise buildings shall be provided with a fire duct opening in lobby at typical floor level including basements and podiums.	NBC 5.1.6 or DCR table 24 Low rise buildings – In general U G Tank is not required. But may be provided if O H tank is not provided It shall be stipulated in case of special types of buildings. High rise Buildings 24 M and above) - Appendix VIII Reg 43-
Particulars	Electrical duct opening in the lobby	Fire duct opening in the lobby	Underground water storage tank
Sr no	8	19	20

Remarks																				.5 0#3							50				
To be filled by Architect L.S.							ii.																		•					E	
Reference		Table 24	NBC 5.1.6	Low rise residential	puildings	For each staircase –	10,000 ltrs. And shall be	provided with fire service	inlet to the down comer.	High rise residential	buildings (24 M to 45 M)	For each staircase –	20,000 Itrs. And shall be	provided with fire service	inlet to the down comer.	(45 M to 70 M)- 25,000 ltrs	for each staircase	High rise residential	Buildings above 70 M	Gross built up area up to	10,000 sqmtrs - 30000 ltrs	per wing.	If the staircases are at the	remote and complied with	travel distance as per	NBC, then 30,000 ltrs for	for each staircase.	For Gross Built up area	more than 10,000 sqmtrs -	30,000 ltrs for each	staircase.
Particulars			Overhead water storage tank	14	3										10												2 ₽				
Š	00		21																	2.											8

Remarks									
To be filled by Architect L.S.									Al .
Reference	It shall be located either on ground floor or in first basement or on podium.		This is for just information. No any parking will be allowed in compulsory open space as defined in DCR 43(1)	In case of stack or mechanized parking special provision required to be specified.	It shall fulfill the fire safety requirements amended NBC 3.4.9	Shall be of adequate size to accommodate required pumps, panels. Shall be	in basements, or in open space. If the pump room is in basement and not	accessible directly with main staircase, then	dedicated staircase shall be provided to the pump room from ground floor
Particulars	Space for D G Set	Trees if any (to be marked on the plans)	No of parking required as per DCR & type of parking		Whether glass façade proposed	Pump room		÷.	
Sr no	22	23	24		25	56			

Remarks			:.	External lift may be provided as shown in attached diagram or it may be provided with opening in staircase shaft at landing or mid-landing level.
To be filled by Architect L.S.				
Reference	having width of min 0.75 M.	Shall be provided on ground floor at easily accessible place.	Residential buildings up to 70 M – either from separate sub-station or D G Set. All commercial buildings of any height and residential buildings above 70 M – From separate substation as well as D G Set	In all buildings above 70 M height, an external lift opening in staircase shaft / protected shaft shall be provided. Pl refer diagrams.
Particulars		Fire panel boards	Alternate source of power supply for fire fighting installation and fire lifts	Only if Bldg height is more than 70 M – Whether external evacuation system or Fireman's Lift provided?
Sr 00		27	28	53

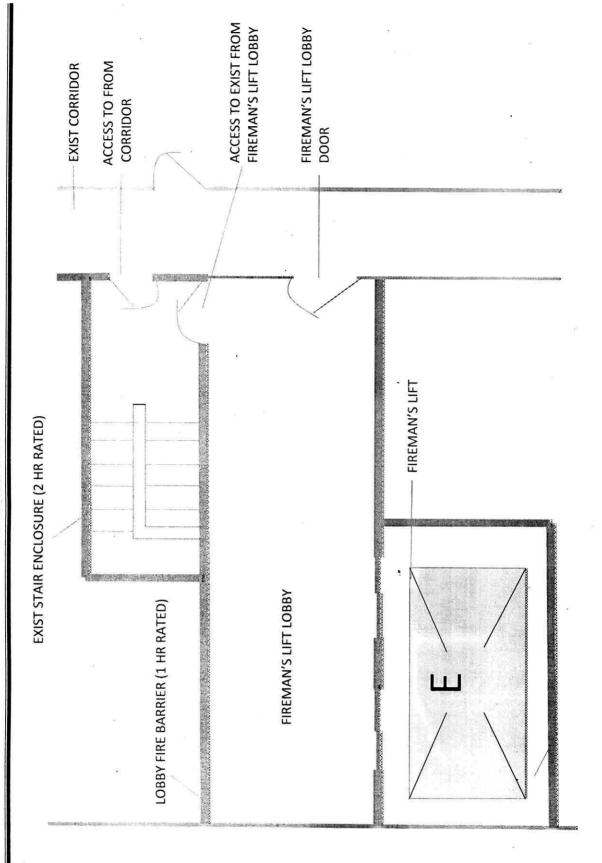
Only if Bldg height is more Month if Bldg height is more Month if Bldg height is more No Mand more shall be provided? All buildings having height that 70 M and more shall be provided? Month if Bldg height is more To be filled by Architect L.S. Remarks Remarks Remarks Remarks Remarks All buildings having height fire check floor classible than 70 M or in special floor at easily accessible buildings — fire Control Room To be filled by Architect L.S. Remarks Remarks Remarks Remarks Remarks Remarks Remarks Remarks To be filled by Architect L.S. Remarks Remarks Remarks All buildings having height fire check floor Roovided with fire check floor Fire Control Room To be filled by Architect L.S. Remarks Remarks Remarks Remarks Remarks	à	Dartioulare				
Only if Bldg height is more than 70 M – Whether fire check floor provided? Only if Bldg height is more than 70 M or in special buildings – Fire Control Room	00	rainculais	Keterence	To be filled by Architect L.S.	Remarks	
than 70 M or in special buildings – Fire Control Room	30	Only if Bldz hoizht :-				
Whether fire check floor provided? Only if Bldg height is more than 70 M or in special buildings – Fire Control Room	3	than 70 M	All buildings having height			
Whether fire check floor provided? Only if Bldg height is more than 70 M or in special buildings – Fire Control Room			/ U M and more shall be			
provided? Only if Bldg height is more than 70 M or in special buildings – Fire Control Room			provided with fire check			
Only if Bldg height is more than 70 M or in special buildings – Fire Control Room		provided?	floor. It shall fulfill the		-	
Only if Bldg height is more than 70 M or in special buildings – Fire Control Room			requirements as per DCR			
Only if Bldg height is more than 70 M or in special buildings – Fire Control Room			Clause 44(9)			
		Only if Bldg height is more	NBC Annex C (C-5) Shall			
Room		than 70 M or in special	be provided on around		~~~	
		puildings –	floor at easily accessible			
		Fire Control Room	place.	,		

Certified that all above parameters are incorporated in the plans.

Signature of Architect / Lic surveyor (Reg No

Note: Each column is mandatory. Provide figures where required. Don't write as shown on plans.

ANNEXTURE A Fireman Lift



LIFT SHAFT

MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

BUILDING DETAILS FORM 2 (For Active Fire Safety Measures) - To be filled by MEP consultant

The MEP Consultant shall ensure that following parameters are incorporated and schematic drawings shall be submitted to this Department before commissioning the fixed fire-fighting installations.

Ş	Particulars	Reference	To be filled by MFP consultant	Remarko
00				Supplied
-	Name and address of the MEP			
	Consultant			
7	Name and address of the Firm			
	of MEP Consultant		č	
3	Tel No			
4	Fax No			
2	Email ID			
9	Registration Number			
7	Down comer	In all low rise buildings –		
		shall be as per NBC		
∞	Wet riser / wet riser cum down	In all high rise buildings –		
	comer	shall be as per NBC	6	
တ	Automatic sprinkler system	In all basements, car		
		parking areas in stilts,		
		parking/podium floors, in		
		all commercial areas. In	e.	
		addition to this		
		Bldgs up to 45 M height –		
	Ē.	in lift lobby / common		
		corridor at each floor level		
	75	Bldgs above 45 M height –		
		in entire building including	æ	

10 Dre sys	Drencher system Automatic smoke detection system	each habitable room and lift lobby.		
Auf sys	encher system tromatic smoke detection stem	each habitable room and lift lobby. Shall be installed as per		
Auf Sys	encher system tromatic smoke detection stem	Shall be installed as per		
Aud Sys	encher system tromatic smoke detection stem			
Aut Sys	encher system tromatic smoke detection stem	NBC and IS 15105		
Sys	utomatic smoke detection stem	For all podiums Only		
Aut	ntomatic smoke detection stem	where podium and bldg. is		
Sys	ıtomatic smoke detection stem	flushed, glass racades		
n S	צופווו	In all electric meter rooms, electric duct at each floor		
		level. lift machine rooms.		
		In all commercial area,	2	
		rooms in case of lodging		
		house.		
_		Shall be as per NBC and		
		IS Code 2189		
12 Ma	Manual fire alarm system	In all buildings.	-	
		Shall be as per NBC		
13 Fin	Fire pumps	For all high rise buildings.		ž.
	265	Shall be surface mounted.	٠	
		Vertical turbine or		
		submerged type may be		
		allowed.		
		No submersible pump is		
		allowed.		
		Shall be as per NBC / IS		8
	70 E	15301		
14 Bc	Booster pump	For terrace tanks		
		connected with down	ā	
		comer or wet riser	i i	
9		systems.		

ċ	Doctionloss	October	, n CLIM 1, 113 1, 1	
ò	rainculais	Kelerence	to be filled by MEP consultant	Kemarks
20				
		Shall be as per NBC / IS		
		15301		
15	Sprinkler and jockey pumps	As per system		
		requirements. IS 15105		
16	Stand by pumps	For all buildings having		
		area more than 5,000		
		sqmtrs., for all commercial		
		buildings, special		
		buildings.		
17	Fire curtain / Fire Glass	For segregation of escape		
		route and occupied area in	Ē	
		buildings above 70 M and		
		special buildings. Also in	,	
		basement to create smoke	a a	
		check lobby and for		-
		compartmentation. Pl refer		
		annexed plans.		

Certified that all above parameters will be incorporated in the Building and schematic drawings will be submitted before commissioning of the fixed fire-fighting installations.

Signature of MEP Consultant

(Reg No

Note: Each column is mandatory.

MUMBAI FIRE BRIGADE

Documents required for NOC for Occupation

- 1) Gross Built up area certificate from Architect / Licensed Surveyor. There should be Registration Number below the signature. (Format attached).
- 2) Previous N.O.C.s issued by this Department along with last approved plans from this Department.
- 3) Copies of Fire Lift Certificate from PWD.
- 4) Structural stability certificate from Registered structural engineer regarding building, podium, ramps etc.).
- 5) "Form A along with its Annexure from Govt approved Licensed Agency (List available on website "www.mahafireservice.gov.in") about installation of all fire-fighting requirements / installations stipulated by this Department.
- 6) Check list for Occupation NOC in attached format.

MUMBAI FIRE BRIGADE GROSS BUILT UP AREA CERTIFICATE

To, Chief Fire Officer Mumbai Fire Brigade

Mumbai Fire Brigade	2		э
··	Sub:	Construction of on plot bearing CTS No	building
			· · · · · · · · · · · · · · · · · · ·
Sir,			
This is	to cer	tify that the gross built up area of the Building v	which is
under your considera	ation f	or issue of NOC & located on above plot is	sq
mtrs. The gross built	up ar	ea certified includes entire construction area in	cluding
areas of stilts, stairca	ase, b	asements, podiums, lifts, lift lobbies, passages	, balconies,
refuge area etc.			
6			
Thanking you,			
Yours Sincerely,			
Si .		Ÿ	
Signature of Architec	t / Lic	:. Sureveyor	Ŧ
(Reg. No.)	

MUMBAI FIRE BRIAGDE

CHECKLIST FOR OCCUPATION

1) TO BE FILLED AND SIGNED BY ARCHITECT / INSPECTING OFFICER

Ref:

			2/	
Sr	Det	ails about the B	uilding	
No				
1	Name and address of the			
	building	** x		
2	Plot No / CTS No:			
3	Name of Architect / Licensed			
	Surveyor			
4	NOC particulars –			
Α	1st NOC Number & Date			5
В	Amendment Number & Date			
С	Amendment Number & Date			
D	Amendment Number & Date		:#7	
5	Composition of the building:			
	Basement, Ground, podium			
	and upper floors (Mention	8	**	
	service floor if any / total			
	height / wings			
6	Type of occupancy: As per			
8	NBC Classification			
		To be filled	Digital	Remarks of
		by Architect /	photographs	Inspecting
		Lic surveyor	showing date	Officer
		,	attached yes/No	
7	Access		N.A.	
Α	Road (Name & Width)			
В	Internal access width if any		N.A.	
C	Entrance Gates (Number &			
	Width)	T.		
D	Compound wall (yes or No)			
8	Courtyard / open spaces		N.A.	
	whether as per NOC		, x	
9	In case of podium, whether		N.A.	÷
-	access for fire appliances			
	provided on podium with			
	ramp?	1		
10	Means of Escape – Type of		N.A.	
10	Staircase		13.73.	
Α		-		
B	Open type Enclosed type — Naturally			
D	Enclosed type – Naturally			
11	ventilated / pressurized		N A	
11	Lifts Cortified fire lifts numbers		N.A.	
A	Certified fire lifts – numbers		<u></u>	
B	Other lifts – numbers	 		<u> </u>
С	Lift lobby – Naturally		G	,
	ventilated / pressurized			

	Number 2 22 as No. 30			
D	Type of lift doors			11.
12	Location of Electric meter			
	room / box /cabin / panel			
13	Electric cable shaft – whether			
	sealed at every floor level -			
	yes / no. (in case of high rise		∯.	=
	bldgs.)			
14	Number of basement		N.A.	
Α	Use of basement level wise			
	1st basement	:		
	2 nd basement	W 82		
	3 rd basement			
В	Number of staircases / ramps		N.A.	
	for basement		100 ACE ACE	
С	Whether basement staircase			
	provided as per NOC			
D	Type of ventilation	· · · · · · · · · · · · · · · · · · ·		
Ē	Whether Smoke check lobby			
_	provided yes /No		*	
F	Compartmentation			
15	Entrance and kitchen doors –			
10	whether fire resistant			1
16	Duplex flat entry – whether as			
	per CFO approved plans			1
17	U G Tank for fire fighting as		N.A.	
17	per NOC		IN.A.	1
18			N.A.	
10	O H Tank for fire fighting as		N.A.	
10	per NOC		+	
19	Refuge area location			
20	Fire check floor			
21	Terrace door			<u> </u>
22	Glass façade requirements			
	whether complied including		}	1
	openable panels		-	
23	Car parking tower – provision	7		
	of staircase / open sides of			
	the tower			
24	Location electric sub-station			
25	Location of D G set			
26	Other remarks if any		ű	

Architect / Lic Surveyor Signature

Inspecting officer signature Date of Inspection:

Signature of CFO / Dy CFO

<u>Note:</u> The check list verified during site inspection, duly signed by Inspecting officer will be treated as Inspection Report.

MUMBAI FIRE BRIAGDE

CHECKLIST FOR OCCUPATION

2) TO BE FILLED AND SIGNED BY Licensed Agent / Inspecting Officer

Ref:

Sr No	Deta	ails about the B	Building	-2
1	Name and address of the			
	building			
2	Plot No / CTS No:	P ₂		
3	Name & Add of of MEP			v
	Consultant and Reg No			
4	Name & Add of Licensed			
	Agency and Lic No			
5	NOC particulars –			2
Α	1st NOC Number & Date			· · · · · · · · · · · · · · · · · · ·
В	Amendment Number & Date			
С	Amendment Number & Date		i.e.	
D	Amendment Number & Date			
6	Composition of the building:			j
	Basement, Ground, podium			a
	and upper floors (Mention			
	service floor if any / total			
	height / wings			
7	Type of occupancy: As per			
	NBC Classification			
		To be filled	Digital	Remarks of
		Lic. Agency	photographs	Inspecting
			showing date	Officer
			attached yes/No	
	Fire Fighting installations			
1	Wet riser / down comer as			
	per NOC			
2	Automatic sprinklers as per			
	NOC			
3	Drenchers as per NOC			
4	Water spray projector system			
5	Types of Pumps & its			
	capacity			
Α	Fire pump			
В	Stand by pump			W 11-8
С	Diesel driven pump		v.	
D	Booster pump			
E	Sprinkler pump			
F	Jockey pump			
G	Any other / more if any			
6	Number of courtyard hydrants			(
7	First aid hose reel			
8	Fire alarm system			

9	Detection system		
10	Location of fire pump panel		
11	Location of fire alarm panel		
12	Escape signages		
13	P A System		
14	Alternate source of electric		1
	supply		
Α	From separate sub-station		
В	From D G set		
15	Portable fire extinguishers –		
	numbers		
16	Sand buckets – numbers		
17	Fire escape chute / external		
į.	evacuation system /		
	controlled lowering device		
18	Fire service inlet		8
19	Other remarks if any		

Authorized signatory from Lic Agency

Inspecting officer signature

Date of Inspection:

Signature of CFO / Dy CFO

<u>Note:</u> The check list verified during site inspection, duly signed by Inspecting officer will be treated as Inspection Report.

MUNICIPAL CORPORATION OF GREATER MUMBAI MUMBAI FIRE BRIGADE

Parameters in which CFO NOC is NOT required for amended proposal

Revised CFO NOC will not be required at intermediate stages in following cases:

- 1) If Amendments are of a minor nature without change of open spaces (Reduction of open spaces by maintaining minimum requirements as per D.C.R.), floor of refuge, exits, travel distance.
- 2) Change in height of building in the range of 24 to 45 mtrs; and change of height of building in the range of 45 to 70 mtrs; occupancy.
- For change in elevation features as per circular No Ch. Eng .D.P. 30449 / Gen. dated 03/01/2017.

For above said amendments, CFO NOC shall be obtained at the time of issuing NOC for occupation.

INSTRUCTIONS TO BE FOLLOWED BY OFFICERS OF CFO DEPARTMENT

- 1) If the proposal is rejected by the concerned officer of CFO Dept, specific reason shall be recorded in the rejection note. If the corrections are required in the proposal, the same shall be communicated at once during the first level of the scrutiny of the plan by the concerned officer of CFO Dept. If any correction is required thereafter, the same correction shall be communicated to the architect only after approval of the next higher ranking officer.
- 2) Once the requirements are stipulated in the initial N.O.C., the N.O.C. at the time of occupation shall be issued on the basis of the same. No new changes / no new advanced equipment shall be insisted. However, C.F.O. can give advisory suggestions to the architect about such advancement.

INSTRUCTIONS TO BE FOLLOWED BY ARCHITECT / LICENSED SURVEYOR

- The proposal shall be submitted along with the mandatory documents
 /forms mentioned herein. Scrutiny will not be done by CFO Dept unless the
 mandatory document / forms are submitted.
- 2) If Architect / L.S. mention that CFO NOC is NOT required for his proposal, he should include a letter stating reason for "Not requirement of CFO NOC." (As the proposal is received in online ssytem to CFO's Dept for verification "whether CFO NOC is required or else)
- In case of amended / revised NOC proposal, the proposed amendments in respect of earlier approval of CFO department shall be mentioned in a separate letter.