

Case NO. CHE/DP/42
2014-15

MUNICIPAL CORPORATION OF GREATER MUMBAI

CHE/24438/DP/GEN dt. 05 DEC 2014

Sub:- CFO NOC from fire safety point of view to ground base mast of M/s.Reliance Jio.

Ref:- 1) FBH/1440 dtd.24.11.2014.
2) MCP/1001 dated 04.12.2014

Chief Fire Officer, MCGM vide note under reference dated 24.11.2014 has proposed guidelines to issue NOC for the ground base mast directly by Building Proposal Special cell by incorporating certain conditions.

In view of above referred Chief Fire Officer's note dated 24.11.2014, a detailed note was submitted to Hon'ble M.C. by this office u/no. CHE/DP/24292/GEN dated 02.12.2014. Hon'ble M.C. has accorded sanction to process the proposals of ground base telecommunication mast u/no. MCP/1001 dated 04.12.2014 by incorporating the codified fire safety guidelines as under

- 1) All electrical wirings & equipment of the tower shall be property electrically grounded.
- 2) Electric power wiring shall of copper core having fire resistance and low smoke hazard and shall be laid underground up to mast base. No overhead/ hanging cable are allowed for the mast.
- 3) Tower and its accessories shall be of sound construction.
- 4) The safe distance shall be maintained in accordance with the load of the overhead high tension electric cables if are running around and shall be maintained as per Part 3 of NBC or as per Electric Rules.
- 5) The mast shall be of non-combustible material.
- 6) If, the installation is installed on ground floor it shall not obstruct compulsory open spaces, entry and exit routes of any premises and emergency assembly area.
- 7) The self certification from concerned fire consultant / agency for compliance of above said CFO requirements (condition no. 1 to 6) shall be submitted by the Architect before starting operation / utilization of the base station.

While granting NOC, it shall be ensured that these based masts are not hindering movement of fire appliances in general & in any specific case, if the ground based mast is proposed in close proximity of any high-rise building or any special type of building posing fire risk, then such case

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shall be referred to CFO Department for remarks from fire safety point of view.

In view of above Dy.Ch.E.(B.P.)Special Cell shall process the proposal of ground base mast by incorporating the above said conditions in the approval letter.

Hon'ble M.C. has also accorded approval to the procedure wherein Dy. Ch. Engineer (B.P.) special cell shall forward the copy of such approval along with the plan to CFO for verifying the compliance of above conditions from fire safety point of view & for necessary action in respect of the proposal if any. Dy. Ch. Engineer (B.P.) special cell is requested to process the proposal for ground base mast accordingly.

Dy. Ch. Engr. (B.P.) Special Cell

Postar
5/12/14
EE (DP) ES

Chandry
5/12/14
CH.ENG.(D.P.)

Copy to :-

Chief Fire Officer

The xerox copies of approval of Hon'ble M.C. u/no. MCP/1001 dated 04.12.2014 on subject matter is enclosed herewith for information & necessary action please.

कोषांत :- २२०७ प्रमाण

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5/12/14
EE (DP) ES

Copy to

D.M.C. Z-I to VII
Dy. Ch. Eng. (B.P.) City / E.S. / W.S.-I / W.S.-II

For information please.

कोषांत :- २२०७ प्रमाण

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Chandry
5/12/14
बृहन्मुंबई महानगरपालिका
कार्यकारी अभियंता
इमारत प्रस्ताव (शहर) शहरांचे कार्या.
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CH.ENG.(D.P.)

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यांचे कार्यालय
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उप प्रमुख अभियंता (इ.प्र.) शहर

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

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E.E.(BP) (City) I

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MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE

Office of the Chief Fire Officer, Wadala Fire Station, Shaikh Mistri Darga Road, Opp. Mhada Colony,
Antop Hill, Wadala, Mumbai-400 037, Tele.No.24132058, Fax No.24153027.

No: *FBM/1440*
Date: *24/11/2014*

Sub.: NOC from fire safety point of view to ground base mast of M/s. Reliance Jio.

Ref.: Letter from Reliance Jio dated 19/11/2014

M/s. Reliance Jio vide above referred letter has stated that they have proposed to install ground based masts for telecommunication services in various part of Mumbai. M/s. Reliance Jio has represented that these ground based masts are to be installed in gardens, on traffic islands etc.

Government of Maharashtra notification bearing No TPS-1810/1975/CR NEW 65/12/DP/UD-13 dated 04-03-2014 – Clause No 4 (B) (m) which states that "No objection certificate of the Chief Fire Officer of the concerned Urban Local Body, and elsewhere, of the Director of Fire Services, only in case of High Rise Buildings having height of 15 mtrs. or more measured from ground level".

As there is no clarity about requirement of obtaining N.O.C. from local fire service for ground based masts, certain fire safety guidelines are designed and it is proposed to issue N.O.C. for these ground based masts directly by Building Proposal - Special Cell by incorporating following codified fire safety guidelines.

- 1) All electrical wirings & equipment of the tower shall be properly electrically grounded.
- 2) Electric power wiring shall of copper core having fire resistance and low smoke hazard and shall be laid underground up to mast base. No overhead / hanging cables are allowed for the mast.
- 3) Tower and its accessories shall be of sound construction.
- 4) The safe distance shall be maintained in accordance with the load of the overhead high tension electric cables if are running around & shall be maintained as per Part 3 of NBC or as per Electric Rules.
- 5) The mast shall be of non-combustible material.
- 6) If, the installation is installed on ground floor it shall not obstruct compulsory open spaces, entry and exit routes of any premises and emergency assembly area.

Building Proposal Special Cell while granting N.O.C., shall ensure that these ground based masts are not hindering movement of fire appliances in general & in any specific case, if the ground based mast is proposed in close proximity of any high-rise building or any special type of building posing fire risk, then such case shall be referred to this department for remarks from fire safety point of view.

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

- 1) Issuing N.O.C. for ground based masts directly by E.E.B.P. (special cell) by incorporating above mentioned codified fire safety guidelines.
- 2) Where specific fire risk is involved as mentioned above, the case shall be referred to C.F.O. for N.O.C.

[Signature]
24.11.15

Chief Fire Officer (i/c)
Mumbai Fire Brigade

[Signature]
24/11/2015

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

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

Hon. M.C.