

**From:** secretariat [secretariat@mchi.net]  
**Sent:** Friday, August 31, 2012 1:17 PM  
**To:** 'president@mchi.net'; 'paras@gundecheapbuilders.com'; 'secretary@mchi.net'; 'boman@rustomjee.com'  
**Cc:** 'zubinmehta@mchi.net'  
**Subject:** General Guidelines from Fire Department, Mumbai Fire Brigade, MCGM  
**Attachments:** MCHIPRES12-13044.pdf; Guidelines from Fire Dept. pg.1.jpg; Guidelines from Fire Dept. pg.2.jpg

**MCHI - CREDAI**

Ref. No. MCHI/PRES/12-13/044

August 31, 2012

To,  
All Members of MCHI-CREDsAI

Dear Sirs,

Please find attached herewith the General guidelines from Fire Department, Mumbai Fire Brig MCGM, Mumbai.

This is for your kind information.

For MCHI-CREDAI

Sd/-

Paras Gundecha  
President

# MUNICIPAL CORPORATION OF GREATER MUMBAI

## MUMBAI FIRE BRIGADE

### General guidelines for submission of the plan in accordance with the

#### fire prevention & fire protection measures

- Architect should submit the plans according to D.C.R., New D.C.R. Modification & as per Hon. M.C.'s circular.
- Architect should submit the undertaking stating that the plans are according to D.C.R., modified D.C.R. & Hon. M.C.'s circular.
- Following features needs to be incorporated in plans for high rise buildings above 24 mtrs:
  1. Directions, Roads abutting plot along with its width in mtr, dimensions of open spaces, building line, podium line and basement line etc. on ground floor.
  2. F.R.D. (Fire Resistance Door) to enclosed staircase, entrance door of flat, kitchen, shop, office, unit etc.
  3. Ventilation to lift lobby on every floor.
  4. Fire duct opening in lift lobby / passage / common corridor at landing level on each floor plan.
  5. Location of electric meter room on ground floor, substation if any.
  6. Location of U.G. Tank.
  7. Location of control panel for fire pumps on ground floor.
  8. Location of D.G. Set.
  9. Location of external fire hydrants, fire service inlet.
  10. Location of trees on the plot, if any.
  11. Dimensions of fire lift, other lifts.
  12. Separate natural ventilation shaft for each basement with its area calculation as per D.C.R. (2.5 % of basement area).
  13. Side ventilators to the Upper basement with its slab 0.9 to 1.2 m above ground level on section plan.
  14. Smoke check lobby for staircase and lift in each basement.
  15. Refuge area –
    - a. Refuge area shall be fronting road side or at 9 m open space side or as recommended by Fire Brigade.
    - b. Refuge area shall be shown on the plans.
      - i. In case of refuge area within building line it shall be 4% of habitable area it serves. The calculation showing required and provided refuge area shall be clearly shown on the plan.

- ii. In case of cantilever refuge area at staircase mid-landing – it shall be minimum 10 sq mtrs for residential and 15 sq mtrs for commercial, with minimum width (projection) 3m.
  - c. Refuge area floor height from ground level and height between every refuge area floor in section plan.
  - d. Refuge area shall not have access from any occupied/habitable area.
  - e. Refuge area shall have normal floor height and no double height refuge area shall be provided.
16. Compartmentation in basement and upper floors as per D.C.R. (every 750 sq mtrs., may be increased by 50% if sprinklered).
  17. Car parking tower if independently proposed shall be shown with external staircase.
  18. Fire escape chute with its dimensions, as per D.C.R. (1.5 mtrs X 2.5 mtrs) for building above 70 mtrs.
  19. Fire check floors as per D.C.R. having height 1.8 mtrs for building above 70 mtrs.
  20. Location of BMS & Fire Control Room for building above 70 mtrs.
  21. Construction & Services provided on the terrace.
  22. Smoke check lobby for pressurized staircase.
  23. More than one staircase shall be remotely located.
  24. If open space is less than required as per D.C.R., compound wall shall not be shown on road side.
  25. Car parking shall not be shown in compulsory open space.
  26. Submit built up area certificate along with plans & proposal.