

Subject: Tying of safety nets.

Keywords: Safety, net

1. The following procedure to be adopted across all sites where construction of any building is more than 2 floors in height i.e., a height of more than 6m/20ft.
2. This will apply to all projects with apartments, lab spaces and clubhouse in villas with projects. Villas of upto 2 floors shall be exempt from following this procedure.
3. Material to be used:
 - a. Safety nets of standard size 3 x10m and 5 x10m should be ordered. Approximate cost of the nets is about Rs. 85 to 90/- per sq mtr.
 - b. MS pipes – 40mm x 2mm thickness.
 - c. Standard MS couplers.
 - d. Bosch 8mm hooks with anchor (item no. 16 in circular no. 877(B)). Hooks should be fit in RCC structure. Drill hole of not more than 8/10mm dia. Optionally, Janata paste/birla wall care putty may be inserted in the hole before fixing the hooks.
 - e. Nylon cricket nets folded /doubled for lift ducts and other small ducts of less than 2m width.
4. For projects with apartments where 2nd slab above the ground has already been casted safety net shall be fitted as per figure no. 82 given in standard drawings and attached herein. The net should be erected on all sides of the building – but not in open spaces between the flats.
5. For projects with apartments where 2nd slab above the ground is not casted 3.6m long MS pipes to be fixed within the slab or beam at every 3 to 4m spacing. 450 to 600mm MS pipe should be inserted in the RCC structure. Net to be tied as per figure no. 82. However, there is no necessity to fix the MS vertical pipes. The net should be erected on all sides of the building – but not in open spaces between the flats.
6. For project with apartments – 3m wide net to be fixed at 2nd slab level using 8mm anchor hooks.
7. For lift ducts and all ducts less than 2m in width – use nylon cricket net to cover the duct at every alternate slab level. Tie the nets to the four sides RC structure using 8mm anchor hooks. Note – cricket nets are not very strong therefore the net may be doubled and tied at every alternate slab level.
8. The above procedure to be followed for clubhouse in all projects with villas.
9. Procedure mentioned in point no. 4, 5 & 6 must be followed for all lab space buildings, however, the net should be tied at first slab level (above ground) instead of at second slab level.
10. As a general rule use 3m wide nets for apartment complexes and 5m wide nets for lab spaces. However, they may be judiciously interchanged wherever required.
11. Specific instructions for current projects:
 - a. GMR – nets to be tied for blocks C, D, F, G & clubhouse @ 1 building per week wherein first building to be completed by 12.2.2022. H block can be completed as per procedure given in point 5 above. However, lift ducts to be covered for all blocks by 12.2.2022.
 - b. GHT – complete A block by 12.2.2022. B block only internal ducts and lift duct to be secured with safety nets.
 - c. NGH – follow procedure in point 5 above – as per progress of work.

- d. BRGV – work for first 6 flats to be completed by 12.2.2022. for other parts follow procedure in point 5 above.
- e. NRK – follow procedure in point 5 above at time of casting first slab.
- f. GVRC – all ducts must be covered in 4545 and 5600C by 12.2.2022 and safety around 4545 must be completed by 19.2.2022.
- g. GVDC – all internal ducts to be covered by 12.2.2022. northern block to be completed by 19.2.2022 and southern block to be completed 26.2.2022. chemical stores – follow procedure in point 5 above.
- h. SOV clubhouse – complete work by 12.2.2022.
- i. Vista, MPL and other older projects are exempt from these guidelines.
- j. Requisition for material must be sent to purchase by 8.2.2022 to enable them make bulk purchase. Purchase to place order for 100 nets of 3 x10m and 25 nets of 5 x 10m by 8.2.2022.

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