



**ENGINEERING SERVICES**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
Ansari Nagar, New Delhi-110029 (INDIA)

F.No.01/ESD/EAC/23-24/03

Dated: 12.08.2024

**C I R C U L A R**

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**SUB: SAFETY MEASURES FOR RESIDENTIAL CAMPUS**

It has been observed that many instances of falling objects have taken place in the residential campus. Falling of tree branches and waterlogging over open drains and pot holes are other sources of danger. To prevent future occurrence and ensuring safety for all, the Superintending Engineer, AIIMS is directed to undertake the following safety measures:

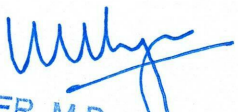
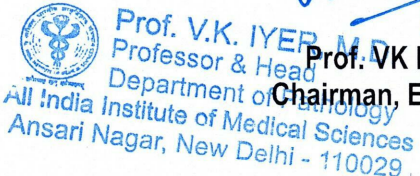
1. All terraces of residential quarters must undergo periodic inspections, starting 1<sup>st</sup> of April every year, before the start of aandhi and monsoon seasons
2. No brick or flower pot can be placed at a height from which they can fall and injure people below
3. Any profile sheet/plastic sheet, regardless of location must be fastened with bolt or screws, so that they cannot fly with gusts of wind during aandhi.
4. When dismantling profile/plastic sheets on terrace, it is the responsibility of the JE to immediately transport them down. Under no circumstance must they be stored on the terrace.
5. Any loose items which can fly up during aandhi must not be kept on terrace or parapet or kept without weighing down.
6. All residents must comply with safety inspections and no resident is allowed to have unsafe profile/plastic sheet without bolt/ screw or weighted down by bricks.
7. A round of all quarters is to be taken within a month of issue of this circular and a list of potential flying/falling hazards is to be prepared.
8. All potential hazardous objects must be either removed or bolted down with screws
9. It has been observed that while dismantling flats under renovation, workers break the tiles and remove taps at the same time, without disconnecting corporation and terrace water connections. When the water comes, it not only gushes out, the removed tiles ensure heavy seepage into the walls and ceiling of the downstairs occupant. This reduces the life of the structure due to rusting of rebar iron rods and causes separation of ceiling plaster which falls down. This endangers the downstairs occupant. To prevent this in future, the following steps are to be taken.
  - a. Empty flat dismantling needs JE supervision.
  - b. No flat should be dismantled until water supply has been turned off and taking adequate precautions against the above unfortunate events.
  - c. During dismantling, downstairs residents should be given warning and one person should stand guard to prevent accidents
  - d. First flat completed in any group of flats contracted together must undergo quality inspection by internal and external quality experts from IIT/SPA.



- e. Until such time as quality experts from IIT/SPA are available, executive engineer from another division within the ESD must undertake such quality inspection
  - f. Similar inspections by executive engineer from another division/ NCI Jhajjar cadre must be done for work executed in the hospital as well.
  - g. Contractors failing to meet manpower deployment norms, safety precautions while dismantling, using substandard material or time delays must be blacklisted for future contracts.
  - h. Any contractor causing seepage in downstairs flat must be blacklisted
10. Desilting and repair of all drains should be undertaken beginning 1<sup>st</sup> of June every year to prevent waterlogging. This includes repair of rooftop drains in hospital building as well, since blocked drains are causing falling of roof or ceiling plaster, resulting in danger as well as disrupting essential services.
  11. Roster for JE rounds to be created, for both hospital and residential premises. These should be done by a JE different from the one assigned to that area. The round JE should inspect the ceilings for loose false ceiling, open discharge of roof top drains or various other unsafe situations including fire hazards. Records of these rounds are to be kept and the JE responsible should be held accountable for mishaps.

The SE is directed to issue the necessary circulars and instructions periodically. One round of measures may be taken immediately.

Every year, from next year onwards, by 15<sup>th</sup> of June, an action taken report must be submitted to the undersigned for the contents of this circular.

  
  
**Prof. V.K. Iyer**  
**Chairman, EAC**

**Distribution:**

1. All members of the EAC
2. PS to Director/AD(A)/Dean (Acad/Research/Exam)/MS/Sr. FA/Dy. Secy., and SE, AIIMS, New Delhi
3. All Chief of Centers/Heads of Deptt./Section/Unit
4. All Faculty members
5. The computer facility – with a request to upload this on official website of the institute and to circulate on content provider
6. The Sr. Hindi Officer – with a request to provide the Hindi version for uploading on the AIIMS website
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