

August 19, 2011

NFPA 13D Tentative Interim Amendment Regarding Sloped Ceilings

On August 10th, 2011, the NFPA Standards Council voted to uphold an appeal concerning TIA #1028R to the 2010 Edition of NFPA 13D. The resulting details of the action can be found at www.nfpa.org/Assets/files/AboutTheCodes/13D/FD11-8-19-d_D11-18_TIA1028R_NFPA13D.pdf and on www.tyco-fire.com.

The most significant summarized outcome of this decision is as follows.

Effective August 31st, 2011, Listed Residential Sprinklers *will not require* special sloped Listings, additional flow, or calculation of additional sprinklers for sloped ceilings of up to 8/12 in NFPA 13D residential applications under the following circumstances:

- A smooth, flat sloped ceiling with no beams up to a maximum slope of 8 in 12. The highest portion of the ceiling shall not be more than 24 ft. (7.3 m) above the floor. The highest sprinkler in the sloped portion of the ceiling shall be above all openings from the compartment containing the sloped ceiling into any communicating spaces.
- A sloped ceiling with beams up to 14 in. (4.3 m) deep with pendent sprinklers under the beams. The compartment containing the sloped, beamed ceilings shall be a maximum of 600 ft² (56 m²) in area. The slope of the ceiling shall be between 2 in 12 and 8 in 12. The highest portion of the ceiling shall not be more than 24 ft. (7.3 m) above the floor. The highest sprinkler in the sloped portion of the ceiling shall be above all openings from the compartment containing the sloped ceiling into any communicating spaces.
- A sloped ceiling with beams of any depth with sidewall or pendent sprinklers in each pocket formed by the beams. The compartment containing the sloped, beamed ceiling shall be a maximum of 600 ft² (56 m²) in area. The slope of the ceiling shall be between 2 in 12 and 8 in 12. The highest portion of the ceiling shall not be more than 24 ft. (7.3 m) above the floor.

We will be modifying our technical literature to reflect this change.

For any questions relative to this information, contact Technical Services at 1-800-381-9213 or me at 1-215-362-0700.



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