SUMMARY

When to use NFPA 13 and 13R in mixed-occupancy buildings?

- First, determine if your Group R occupancy is eligible for an NFPA 13R system. Refer to module ‘When Can I use NFPA 13R’ to determine eligibility.
- International Building Code Chapter 5 offers three different approaches to mixed occupancy in buildings: accessory, separated, and non-separated

For Mixed Occupancy: Accessory and Non-Separated

- The use of an NFPA 13R system cannot be used. An NFPA 13 system must be used throughout.

For Mixed Occupancy: Separated

- You are permitted to provide an NFPA 13R for the residential portion of the building and an NFPA 13 system for the remaining portions contingent the required fire resistance separation is provided.

CODE/STANDARD REFERENCES

NFPA 13 – Standard for the Installation of Sprinkler Systems
NFPA 13R – Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies

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