



SOUTH METRO FIRE RESCUE AUTHORITY

LIFE SAFETY BUREAU



CODE INTERPRETATION AND APPLICATION

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|-----------------------|--|------------------------|--|
| Subject: | Quick-Response Sprinklers in Light Hazard Occupancies | | |
| Code/Standard: | 2012 IFC / 2015 IFC | Effective Date: | 24 January 2011 Rev. 10 December 2015 |
| Author: | M.Herian/ Supervisor Development & Construction | Approved By: | A. Valdez/ Fire Marshal |

2012/ 2015 International Fire Code (IFC):

903.3.2 Quick-response and residential sprinklers.

Where automatic sprinkler systems are required by this code, quick-response or residential automatic sprinklers shall be installed in the following areas in accordance with Section 903.3.1 and their listings:

1. Throughout all spaces within a smoke compartment containing care recipient *sleeping units* in group I-2 in accordance with the *International Building Code*.
2. Throughout all spaces with a smoke compartment containing treatment rooms in ambulatory care facilities.
3. *Dwelling units* and *sleeping units* in Group I-1 and R occupancies.
4. **Light hazard occupancies as defined in NFPA 13.**

GENERAL:

The International Fire Code requires that quick-response, or residential sprinklers if applicable, to be installed within those occupancies classified as light-hazard as defined by NFPA 13.

APPLICATION:

This section of the IFC is applicable to all new installations as required by other sections of the IFC. In addition to new installations, this section shall also be applicable to all modifications of the sprinkler system (based on the scope of the project) and/or area of construction within an existing building when:

5. A change of occupancy/use is proposed, the entire occupancy shall be provided with quick-response sprinklers, if applicable.
6. A compartment/suite/floor/etc., as approved, is to be modified with the purpose of creating a "market-ready" or "white-box" space.