



COLORADO SPRINGS FIRE DEPARTMENT
Division of the Fire Marshal
Administrative Ruling



Number:	2014-1R		
Subject:	Aerosol Security Devices or Systems		
Reference:	The Adopted <i>2015 International Fire Code</i>, Section 316.5		
Effective Date:	01/31/2014	Issued By:	Doreen Withee, Fire Protection Engineer
Revision Date:	08/13/2019	Revised By:	Doreen Withee, Fire Protection Engineer
Approval Date:	08/16/2019	Approved By:	Brett T. Lacey, Fire Marshal

PURPOSE: To identify how and where an aerosol security device or system may be installed. This administrative ruling provides guidance for the adopted fire code's allowed exception.

SCOPE: This ruling applies to all persons seeking approval to install an aerosol security device or system that could obscure the means of egress in any building, structure, or premise.

DESCRIPTION OF ISSUE: Security devices that emit an aerosol medium when activated, could obscure exits, creating a dangerous situation for occupants and emergency responders. The intent of aerosol security devices or systems is to hide assets, confuse burglars, and potentially, trap an intruder within a building. Such systems can also be mistaken for a fire situation, resulting in firefighters responding to a burglary, which they are not equipped to handle. Section 316.5 of the amended *2015 International Fire Code*, as adopted, allows these devices to be installed only as approved by the fire code official.

DECISION: Total aerosol flooding security devices or systems are prohibited. Asset-specific application security devices emitting an aerosol medium may be permitted under the following conditions:

1. Applicable occupancy classifications shall be:
 - Business (excluding ambulatory care facilities),
 - Mercantile,
 - Factory/Manufacturing,
 - Storage.
2. Required exits and signage shall remain unobscured and visible at all times.

3. If smoke detection and/or smoke alarms are present, the design of aerosol flooding security devices or systems must be coordinated with a licensed fire alarm contractor to ensure no nuisance alarms initiate due to the activation of the security system.
4. All proposed installations shall be documented on the installing company's letterhead and provided to Colorado Spring Fire Department (CSFD) Construction Services for permanent inclusion in building records. This report/letter shall clearly state:
 - a. Occupying business' name,
 - b. Physical address of where the proposed system shall be installed,
 - c. Installation is in compliance with CSFD Administrative Ruling 2014-1R.