

7.2.1.8 Self-Closing Devices.

7.2.1.8.1* A door leaf normally required to be kept closed shall not be secured in the open position at any time and shall be self-closing or automatic-closing in accordance with 7.2.1.8.2, unless otherwise permitted by 7.2.1.8.3.

7.2.1.8.2 In any building of low or ordinary hazard contents, as defined in 6.2.2.2 and 6.2.2.3, or where approved by the authority having jurisdiction, door leaves shall be permitted to be automatic-closing, provided that all of the following criteria are met:

- (1) Upon release of the hold-open mechanism, the leaf becomes self-closing.
- (2) The release device is designed so that the leaf instantly releases manually and, upon release, becomes self-closing, or the leaf can be readily closed.
- (3) The automatic releasing mechanism or medium is activated by the operation of approved smoke detectors installed in accordance with the requirements for smoke detectors for door leaf release service in *NFPA 72*.
- (4) Upon loss of power to the hold-open device, the hold-open mechanism is released and the door leaf becomes self-closing.
- (5) The release by means of smoke detection of one door leaf in a stair enclosure results in closing all door leaves serving that stair.