

**7511.1008 SECTION 1008, DOORS, GATES AND TURNSTILES.**

Subpart 1. **IFC sections 1008.1.9.1, 1008.1.9.2, and 1008.1.9.3.** IFC sections 1008.1.9.1, 1008.1.9.2, and 1008.1.9.3 are amended to read:

**1008.1.9.1 Hardware.** Except as permitted by Section 1008.1.9.3, door handles, pulls, latches, locks and other operating devices on doors shall only require a single operation to release the door from the egress side.

**1008.1.9.2 Hardware height.** Door handles, pulls, latches, locks, and other operating devices shall be installed 34 inches (864 mm) minimum and 48 inches (1,219 mm) maximum above the finished floor. Locks used only for security purposes and not used for normal operation are permitted at any height.

**1008.1.9.3 Locks and latches.** Locks and latches shall be permitted to prevent operation of doors where any of the following exists:

1. Places of detention or restraint.
2. In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M, and S and in places of religious worship, the main exterior door or doors are permitted to be equipped with key-operated locking devices from the egress side, provided:
  - 2.1 The locking device is readily distinguishable as locked.
  - 2.2 A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.
  - 2.3 The use of the key-operated locking device is revocable by the fire code official for due cause.
3. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface-mounted hardware.
4. Doors from individual dwelling or sleeping units of Group R occupancies having an occupant load of ten or less are permitted to be equipped with a night latch, dead bolt or security chain, provided such devices are openable from the inside without the use of a key or tool.
5. Fire doors after the minimum elevated temperature has disabled the unlatching mechanism in accordance with listed fire door test procedures.
6. Delayed egress locks, installed and maintained in conformance with Section 1008.1.9.7.

7. Special locking arrangements installed and maintained in conformance with Section 1008.1.9.6 are allowed in Group R-3 and Group R-4 congregate care facilities and in Group I occupancies.
8. Electromagnetically locked egress doors installed and maintained in accordance with Section 1008.1.9.9.
9. In rooms, other than cells, where occupants are being restrained for safety or security reasons, special detention arrangements that comply with the requirements of Section 1008.1.11 are permitted.

Subp. 1a. **IFC section 1008.1.9.6.** IFC section 1008.1.9.6 is amended to read:

**1008.1.9.6 Special locking arrangements in Group I-1, I-2, R-3, or R-4 occupancies.** Approved special locking arrangements shall be permitted in a Group I-1, I-2, R-3, or R-4 occupancy where the clinical needs of the persons receiving care require such locking. Special locking arrangements shall be permitted in such occupancies where the building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 and either an approved automatic smoke or heat detection system installed in accordance with Section 907, provided that doors are installed and operate in accordance with items 1 through 10. Items 1 through 4 shall not apply to doors to areas where persons, because of clinical needs, require restraint or containment as part of the function of a psychiatric treatment area.

1. The doors unlock upon actuation of the automatic sprinkler system or automatic fire detection system.
2. The doors unlock upon loss of power controlling the lock or lock mechanism.
3. The door locks shall have the capability of being unlocked from a signal from the fire command center, a nursing station, or other approved location.
4. A building occupant shall not be required to pass through more than one door with a special egress lock before entering an exit.
5. The procedures to operate the unlocking system shall be described and approved as part of the emergency planning and preparedness required by Chapter 4.
6. All clinical staff shall have keys, codes, or other means necessary to operate the locking device.
7. Emergency lighting shall be provided at the door.
8. 24-hour resident or patient supervision is provided within the locked area.

9. Locking devices are designed to fail in the open position.
10. Floor levels within the building or portion of the building with special locking arrangements shall be divided into at least two compartments by smoke barriers meeting the requirements of the State Building Code.

**Exception to item 10:** In existing Group R-3 occupancies where the construction of smoke barrier compartmentation is not practical, an existing sleeping room provided with smoke tight construction and having an escape window complying with Section 1029 is allowed.

Subp. 2. **IFC section 1008.1.9.7.** IFC section 1008.1.9.7 is amended to read:

**1008.1.9.7 Delayed egress door locks.** Approved, listed, delayed egress locks shall be permitted to be installed on doors serving any occupancy except Assembly Group A occupancies and High Hazard Group H occupancies, and assembly uses within Educational Group E occupancies. Delayed egress locks shall be installed only in buildings that are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or an approved smoke detection system installed in the means of egress system serving the locked area, provided that the doors unlock in accordance with Items 1 through 4. A building occupant shall not be required to pass through more than one door equipped with a delayed egress lock before entering an exit.

1. The doors unlock upon actuation of the automatic sprinkler system or automatic fire detection system.
2. The doors unlock upon loss of power controlling the lock or lock mechanism.
3. The door locks have the capability of being unlocked by a signal from the fire command center.
4. The door locks shall include an irreversible process that will release the latch in not more than 15 seconds when a force of not more than 15 pounds (66 N) is applied for one second to the release device. Initiation of the irreversible process shall activate an audible signal in the vicinity of the door. Once the door lock has been released by the application of force to the releasing device, relocking shall be by manual means only.

**Exception:** Where approved, a delay of not more than 30 seconds shall be permitted.

Doors that have been equipped with delayed egress locks shall also comply with items 1 to 3 below.

1. A sign shall be provided on the door located above and within 12 inches (305 mm) of the release device reading: PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.
2. Emergency lighting shall be provided at the door.
3. Delayed egress locks shall be maintained and tested in accordance with this code.

Subp. 2a. **IFC section 1008.1.9.11.** IFC section 1008.1.9.11 is amended to read:

**1008.1.9.11 Stairway doors.** Interior stairway means of egress doors shall be openable from both sides without the use of a key or special knowledge or effort.

**Exceptions:**

1. Stairway discharge doors shall be openable from the egress side and shall only be locked from the opposite side.
2. This section shall not apply to doors arranged in accordance with Section 403.5.3 of the International Building Code.
3. In stairways serving not more than four stories, doors are permitted to be locked from the side opposite the egress side. The exit door is permitted to be locked but shall be openable from the egress side.
4. Stairway exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group B, F, M, and S occupancies where the only interior access to the tenant space is from a single exit stair where permitted in Section 1021.2.
5. Stairway exit doors shall be openable from the egress side and shall only be locked from the opposite side in Group R-2 occupancies where the only interior access to the dwelling unit is from a single exit stair where permitted in Section 1021.2.

Subp. 3. **IFC section 1008.1.** IFC section 1008.1 is amended by adding sections to read:

**1008.1.11 Special detention arrangements.** Special detention arrangements meeting the requirements of Sections 1008.1.11 through 1008.1.11.4 are permitted for rooms, other than cells, where the occupants are being restrained for safety or security reasons. The use of Sections 1008.1.11 through 1008.1.11.4 may be revoked by the fire chief or fire code official for due cause.

**1008.1.11.1 Locking hardware.** Locking devices shall release upon any of the following conditions:

1. Activation of the automatic sprinkler system.

2. Activation of any automatic fire detection device.
3. Activation of an automatic fire alarm system.
4. Loss of electrical power to the locking device or the fire alarm system.
5. Activation of the fire alarm trouble signal.
6. Operation of a manual switch located in an approved location.

All locking devices shall be designed to fail in the open position. Following the release of the locking devices for any of the conditions specified in Items 1 through 6, relocking the devices shall be by manual means only at the door.

**1008.1.11.2 Fire-extinguishing system.** When special locking arrangements are used, the room or area being secured must be protected with quick-response sprinklers.

**1008.1.11.3 Fire alarm and detection.** When special locking arrangements are used, the room or area and spaces between the room or area and an outside exit door shall be protected with automatic smoke detection connected to the building's fire alarm system. If the walls of the room or area do not extend to the ceiling, automatic smoke detection can be provided in the adjacent room or area, provided that there are no substantial obstructions to delay activation of the smoke detection.

**1008.1.11.4 Door swing.** Doors separating detention rooms from other spaces must swing in the direction of egress travel from the detention room.

**Statutory Authority:** *MS s 299F.011; 326B.02*

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