



Addison Fire Department Access Control Installation

Regardless of the location of the device or the level of security desired, the ability to exit is the option of the individual, not the controlling authority.

2012 International Fire Code

Section 1008.1.9.8 Access Controlled egress doors:

The entrance doors in a means of egress in buildings with an occupancy in Group A, B, E, M, R-1 or R-2 and entrance doors to tenant spaces in occupancies in Groups A, B, E, M, R-1 and R-2 are permitted to be equipped with an approved entrance and egress access control system which shall be installed in accordance with all of the following criteria:

1. A sensor shall be provided in the egress side arranged to detect an occupant approaching the doors. The doors shall unlock by a signal from or loss of power to the sensor.
2. Loss of power to that part of the access control system which locks the doors shall automatically unlock the doors.
3. The doors shall be arranged to unlock from a manual unlocking device located 40 inches to 48 inches vertically above the floor and within 5 feet of the secured doors. Ready access shall be provided to the manual unlocking device and the device shall be clearly identified by a sign that reads: "PUSH TO EXIT." When operated, the manual unlocking device shall result in direct interruption of power to the lock- independent of the access control system electronics - and the doors shall remain unlocked for a minimum of 30 seconds.
4. Activation of the building fire alarm system, if provided, shall automatically unlock the doors, and the doors shall remain unlocked until the fire alarm system has been reset.
5. Activation of the building automatic fire sprinkler system, or fire detection system, if provided, shall automatically unlock the doors. The doors shall remain unlocked until the fire alarm system has been reset.
6. Entrance doors in buildings with an occupancy in Group A, B, E or M shall not be secured from the egress side during periods that the building is open to the general public.

Final Acceptance Test Procedure:

- All signage (e.g. "push to exit") in place.
- Disable or cover motion sensor.
- Activate all access control devices and place in normal "locked" mode.
- Activate push-to-exit button – door must remain unlocked for minimum 30-seconds.

- Cut power to system – magnetic lock must release (electric strikes must release on stairwell doors).
- Restore power – reactivate magnetic lock.
- Activate building fire alarm – magnetic lock must release.
- Reset fire alarm – reactivate magnetic lock
- Re-activate or uncover motion sensor – magnetic lock must release.
- Inspections and tests before 8:00 AM and after 5:00 PM are available for an additional fee.

For more detailed information pertaining to Access Control Installation, please access the 2012 International Fire Code, Chapter 10 (Means of Egress).

If you have any questions, or require additional information please call:

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