



TRUMBULL COUNTY BUILDING INSPECTION

159 EAST MARKET STREET, SUITE 100

WARREN, OHIO 44481

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Thursday, April 14, 2016

Bolo Stick, LLC
P.O. Box 8626
Warren, OH 44484

Attn: Mr. William J. Barna

Re: **Bolo Stick Ohio Building Code Compliance**
Un-incorporated Areas of Trumbull County
Cities of Cortland, Hubbard, & Newton Falls

The Ohio Board of Building Standards (OBBS) has adopted new rules in regards to above noted (to become effective on April 18, 2016). Specifically, the Ohio Building Code (OBC) has added Sections 1008.1.9.11 (Temporary Door Locking Device in School Buildings) and Sections 1008.1.9.11.2 (Operational Requirements).

Contained within the revised Building Code sections are nine (9) conditions of use for the temporary locking device. (Attached)

We have examined the use of the above referenced within existing educational buildings pursuant to the amended 2011 Ohio Building Code (OBC). Assuming the use of the Bolo Stick locking device is used as designed and as intended; we are of the opinion that the Bolo Stick meets the current 2011 Ohio Building Code.

If you have any questions regarding this matter please feel to contact me at the number listed above.

Respectfully,

Michael Sliwinski, P.E.
Trumbull County Building Inspection
Chief Building Official

CC: File

Groups A-2, A-3, A-4, B, E, F, I-2, I-3, M and S within correctional and detention facilities, doors in means of egress serving rooms or spaces occupied by persons whose movements are controlled for security reasons shall be permitted to be locked when equipped with egress control devices which shall unlock manually and by at least one of the following means:

1. Activation of an automatic sprinkler system installed in accordance with Section 903.3.1.1;
2. Activation of an approved manual alarm box; or
3. A signal from a constantly attended location.

1008.1.9.10 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.
3. In stairways serving not more than four stories, doors are permitted to be locked from the side opposite the egress side, provided they are openable from the egress side and capable of being unlocked simultaneously without unlatching upon a signal from the fire command center, if present, or a signal by emergency personnel from a single location inside the main entrance to the building.

1008.1.9.11 Temporary door locking device in school buildings. *A temporary door locking device shall be permitted when approved by the building official and noted on the certificate of occupancy only in school buildings where the requirements of sections 1008.1.9.11.1 and 1008.1.9.11.2 are met.*

1008.1.9.11.1 Conditions of use. *A temporary door locking device shall only be used on doors under the following conditions:*

- 1. Proof is provided by the administrative authority of a school building that a school safety plan has been adopted and filed pursuant to section 3313.536 of the Revised Code; and*
- 2. The temporary door locking device shall only be used in an emergency situation and during active shooter drills; and*
- 3. The temporary door locking device is engaged only by a staff member of the school building; and*
- 4. The temporary door locking device shall only be engaged for a*

finite period of time as determined by the administrative authority of a school building in accordance with the school safety plan adopted pursuant to section 3313.536 of the Revised Code; and

5. Proof is provided by the administrative authority of a school building that police and fire officials having jurisdiction for the school building have been notified prior to the use of the temporary door locking device; and
6. In-service training on the use of the temporary door locking device is provided for school staff members and records verifying this training shall be maintained on file and provided to the fire official upon request.

1008.1.9.11.2 Operational requirements. The temporary door locking device shall be permitted to be used in accordance with the following items:

1. The temporary door locking device shall not be permanently mounted to the door.

Exception: Individual parts of the temporary door locking device assembly such as bolts, stops, brackets, pins, etc. that do not prevent normal ingress and egress through the door may be permanently mounted provided that when such parts are mounted on a labeled fire door assembly such installation does not affect the fire rating of the fire door assembly.

2. The removal of the temporary door locking device, after it is engaged, shall not require more than one operation.

Exception: Two operations may be permitted to remove a temporary door locking device, after it is engaged, if the school building is equipped throughout with an automatic sprinkler system in accordance with section 903.3.1.1.

Provisions of the "Americans with Disabilities Act of 1990," 104 Stat. 327, 42 U.S.C.A. 12101, as amended, may apply to the use of the temporary door locking device but are outside the scope of this code.

1008.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware.

Exception: A main exit of a Group A occupancy in compliance with Section 1008.1.9.3, Item 2.

Electrical rooms with equipment rated 1,200 amperes or more and over 6 feet