



Fire Door Assembly Inspection FAQ's

The NFPA-80, Standard for Fire Doors and Other Opening Protectives, 2007 Edition (Section 5.2) Inspection states “Fire door assemblies shall be inspected and tested not less than annually, and a written report of the inspection shall be signed and kept for inspection by the AHJ.”

Are inspections required in the State of Maine?

Yes, it has been adopted as law. Go to www.maine.gov/dps/fmo/laws/nfpa.html scroll down to NFPA-80, 2007.

Who is responsible to make sure inspections and testing are performed?

It is the responsibility of the building owners and property managers to initiate the inspections and produce written records for the AHJ's. (Fire Marshals, code officials, Judges, etc.).

Who can perform the inspection and testing?

NFPA-80, 2007(5.2.3.1)“Functional testing of fire doors and windows assemblies shall be performed by individuals with knowledge of the operating components of the type of door being subject to testing.”

Is an annual written report or record required?

Yes, NFPA-80, 2007 5.2.1 “Fire door assemblies shall be inspected and tested not less than annually and a written record of the inspection shall be signed and kept for inspection by the AHJ's. And, (5.2.14.3.2) “A written report shall be maintained and shall made available for the AHJ.

Is the Inspector required to be certified?

Intertek's Warnock Hersey fire door labeling service is known throughout the door and hardware industry. Together with the Door and Hardware Institute, Intertek developed a program educating door professionals in the area of fire door assembly inspection (FDAI). Upon completion of the FDAI program, door professionals are thoroughly trained and certified to evaluate door assemblies, using stringent criteria specific to fire door assemblies “as in a fire condition” as required by the labeling service. However, the law does not require certification.

What will be checked during testing and inspection?

NFPA-80, 2007 Swinging Doors with Builder Hardware (5.2.4.2) “As a minimum, the following shall be verified:

- (1) No open holes or breaks exist in surfaces of either door or frame.
- (2) Glazing, vision light frames, and glazing bead are intact and securely fastened in place, if so equipped.
- (3) The door, frame hinges, hardware and non-combustible thresholds are securely aligned, and in working order with no visible signs of damage.
- (4) No parts are missing or broken.
- (5) Door clearances at the door edge to the frame, on the pull side of the door , do not exceed clearances listed in 4.8.4 and 6.3.1.7.
- (6) The self closing device is operational, that is, the active door completely closes from full open position.
- (7) If a coordinator is installed, the inactive door leaf closes before the active leaf.

- (8) Latching hardware operates and secures the door when it is in closed position.
- (9) Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame.
- (10) No field modifications to the door assembly have been performed that void the label.
- (11) Gasketing and edge seal, where required, are inspected to verify their presence and integrity.”

NFPA-80, 2007 Horizontally Sliding, Vertically Sliding, and Rolling Doors (5.2.5.2)

- (1) No open holes or breaks exist in surfaces of either the door or frame.
- (2) Slats, endlocks, bottom bar, guide assembly, curtain entry hood, and flame baffle are correctly installed and intact.
- (3) Glazing, vision light frames, and glazing beads are intact and securely fastened in place, if so equipped.
- (4) Curtain barrel and guides are aligned, level, plumb and true.
- (5) Expansion clearance is maintained in accordance with manufacture's listing.
- (6) Drop release arms and weights are not blocked or wedged.
- (7) Mounting and assembly bolts are intact and secured.
- (8) Attachment to jambs are with bolts, expansion anchors, or as otherwise required by the listing.
- (9) Smoke detectors, if equipped, are installed and operational.
- (10) No parts are missing or broken.
- (11) Fusible links, if so equipped, are in the location; chain / cable, s-hook, eyes and so forth, are in good condition (i.e., no kinked or pinched cable, no twisted or inflexible chain); and links are not painted or coated with dust or grease.
- (12) Auxiliary hardware items that interfere or prohibit operation are not installed on the door or frame.
- (13) No field modifications to the door assembly have been performed that void the label.

Along with above items, 5.2.6 through 5.2.14.5, must be inspected.

If deficiencies are found, when must they be repaired?

NFPA-80, 2007 (5.1.5.1) “Repairs shall be made and defects that could interfere with operation shall be corrected without delay.”

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***107 Milton Avenue
Sanford, Maine 04073***

***ph. 207-490-2500
fax 207-490-3500***

**www.certifiedfiredoor.com
chucknoble@certifiedfiredoor.com**