

National Fire Protection Association

NFPA 80 Excerpts for Rolling Steel Fire Doors

1 Batterymarch Park
Quincy, MA 02169-7471
www.nfpa.org

5.1.2 Operability. Doors, shutters and windows shall be operable at all times. They shall be kept closed and latched or arranged for automatic closing.

- **5.1.4/5.5 Maintenance.** Repairs shall be made and defects that could interfere with operation shall be corrected without delay.

- **5.2.13 Prevention of Door Blockage.** Door openings and the surrounding areas shall be kept clear of anything that could obstruct or interfere with the free operation of the door. Blocking or wedging of doors in the open position shall be prohibited.

- **5.2 Inspection and Testing.** All horizontal or vertical sliding and rolling fire doors shall be inspected and tested not less than annually to check for proper operation and full closure. Resetting of the automatic closing device shall be done in accordance with the manufacturer's instructions. A written record shall be maintained and shall be made available to the AHJ. When the annual test for proper operation and full closure is conducted, rolling steel fire doors shall be drop tested twice. The first test shall be to check for proper operation and full closure. A second test shall be done to verify that the automatic closing device has been reset correctly. Fusible links or other heat actuated devices and release devices shall not be painted.

- **5.5.5 Repair of Fire Door Damage.** Where a fire door, frame or any part of its appurtenances is damaged to the extent that it could impair the door's proper emergency function, the following actions shall be performed: 1) The fire door, frame or any part of its appurtenances shall be repaired with parts obtained from the door's manufacturer. 2) The door shall be tested to ensure emergency operation and closing upon completion of the repairs.

Rolling Steel Doors & Service Counter Fire Doors

- **11.4.1.2 Closing Devices.** Rolling steel doors shall close automatically upon activation or release of a fusible link or detector. Rolling steel fire doors shall have an average closing speed of not less than 6" per second or more than 24" per second.
- **11.4.2.2.1 Power-Operated Rolling Steel Fire doors.** After automatic closing is activated, the door shall remain in the closed position until the automatic-closing device has been reset.
- **11.4.3.1.9 Assembly of Rolling Doors.** Door guides shall be permitted to be welded to the jambs in accordance with the manufacturer's written instructions and listing.
- **13.3 Counters.** Where counters are supplied separately from the balance of the door assemblies, they shall be labeled and installed in accordance with their listing.