

Fire Marshal / Fire Door Guideline Check List

1. Visual Inspection:
 - a. Inspect for labeling or certificates:
 - i. All upward rolling fire doors are required to have either UL (ULC, cULus, UL), FM, or WH labels. Some large fire doors may require oversized construction certificate. All labels are located on the bottom bar of the door.
 - ii. Smoke label fire doors are required to have UL, FM, or WH labels.
 - iii. All fire rated countertops are required to have UL, FM, or WH labels.
 - iv. If there are no labels or certificates, fail the inspection.
 - b. Inspect for signaling devices condition:
 - i. NFPA 80 requires signaling devices to be installed on both the coil side or opposite coil side of the door. Unless, previously approved by the AHJ to have one side signaling device only.
 - ii. All fuse links must be protected from sprinkler system.
 - iii. All sash chain or cables must not have any kinked or sharp angles.
 - c. Inspect for any damage to the door:
 - i. Inspect for signs of being hit.
 - ii. Welding to the jamb is only permitted on non-FM rated doors.
 - d. Inspect door jamb condition:
 - i. Door can be welded to steel jambs as long as the door is not FM rated.
 - ii. Hollow block must be through bolted with crush plates.
 - iii. Pay attention to the wall rating vs. the door rating. The wall rating cannot be lower than the door rating.
 - e. Inspect for expansion room:
 - i. Follow manufacturer instruction. Consult the local manufacturers' representatives/dealers/distributors.

2. Witness drop test:

a. Drop test must be done twice:

- i. All rolling fire doors must be drop tested from fully open position.
- ii. Once to verify that the drop operation is in accordance to NFPA 80:
 1. Drop speed no less than 6 in/sec and no higher than 24 in/sec.
 2. Drop speed is measured by total travel divided by the total time from fully open to close.
- iii. Reset
- iv. The second drop is to verify that the reset operation is working as intended.
- v. Reset

Provided by:

Commercial Dock & Door
Fire Door Certified Technicians
440-951-4541

11/4/13