



# NFPA 80 and 105 Testing and Inspections

## Frequently Asked Questions

The City of Allen has adopted the 2021 International Fire Code which requires that fire and smoke opening protectives meet the requirements set forth in NFPA 80, *Standard for Fire Doors and Other Opening Protectives*, and NFPA 105, *Standard for Smoke Door Assemblies and Other Opening Protectives*. The purpose of this document is to help answer commonly asked questions regarding testing and inspections of the opening protectives.

### **When are NFPA 80/105 testing and inspections required?**

If a request has been made by the Allen Fire Department, either via a plan review comment, an item on an inspection report, a requirement on a building permit, or via other means, then a comprehensive report is required to be completed.

### **Who is qualified to perform this testing and inspection?**

The Allen Fire Marshal's Office has determined that a certified, third-party contractor be utilized for all NFPA 80 and NFPA 105 testing and inspections. Certification must be provided showing that the individual who is performing the required testing and inspections of the opening protective(s) is trained by a nationally recognized organization.

### **How often does this testing/inspection occur?**

For fire doors and other opening protectives, excluding dampers:

- Upon completion of the installation
- At least annually after initial installation
- After maintenance and/or alteration of the opening protective

For dampers and similar opening protectives:

- Upon completion of the installation
- Every (4) years after installation, except for hospitals where the frequency shall be every (6) years
- After maintenance and/or alteration of the opening protective

\*\* Ceiling radiation dampers, which are commonly found in multi-family buildings, are exempt from operational testing \*\*



*Note: Other governing entities, such as the Joint Commission on the Accreditation of Healthcare Organizations (JCHAO) and the Centers for Medicare Services (CMS), may have additional testing and inspection frequencies and requirements.*

## **What is required to be included in the testing and inspection report?**

Various information is required as part of the comprehensive report depending on the type of opening protective being tested and inspected. Please review the information required as outlined in NFPA 80 (2019 edition) and NFPA 105 (2019 edition) for the specific type of opening protective being utilized.

## **Is there a particular format required for the testing and inspection report?**

No, however it must include the inspection items for the particular type of opening protective being tested, which could range from 10 – 15 items. Reports must be legible. Forms shall reflect that the 2019 editions of NFPA 80 and 105 were utilized.

## **How to find a contractor to help meet these requirements?**

A simple internet search of “fire door testing North Texas” will yield numerous, qualified contractors who can help with your required inspections. Please know that not all companies will perform testing and inspections on fire/smoke dampers, or other non-fire door opening protectives, such as stage curtains.

## **What if repairs are needed?**

Repairs shall be made immediately to correct any deficiency noted in the comprehensive report and follow the requirements set forth in Chapter 7 of the 2021 International Fire Code. No permit is required to make the necessary repairs unless replacement of the opening protective is required. Please contact the Allen Fire Marshal’s Office prior to replacing an opening protective in its entirety.

## **Retention of the testing and inspection report?**

A copy of the testing and inspection report, along with any repairs made to opening protectives, shall be retained for at least a period of (3) years from the date of the report. Reports are to be maintained on-site and shall be made available to the AHJ (Authority Having Jurisdiction) upon request.



## **If testing and inspection report deficiency items are not repaired, will a Certificate of Occupancy or other final inspection be delayed?**

### **For new construction which has been identified through the plan review process to have opening protectives:**

In most cases, yes, a TCO or Full CO will not be granted until the deficiencies on the report have been corrected.

### **For existing construction, change of ownership, and changes to the name of a business:**

This depends on the amount of work required to make any repairs identified in the report. Requests for a Temporary Certificate of Occupancy (TCO) can be made however the Building Official is the only person eligible to grant a TCO. Also, at the discretion of the Fire Code Official certain deficiencies found on a CO inspection may be transferred to an Annual Fire Inspection Report, thus allowing the CO to proceed.

## **Here is the specific Code section from the 2021 *International Fire Code*, for your reference:**

*Section 705.2: Inspection and Maintenance. Opening protectives in fire-resistance-rated assemblies shall be inspected and maintained in accordance with NFPA 80. Opening protective in smoke barriers shall be inspected and maintained in accordance with NFPA 105. Fire doors and smoke and draft control doors shall not be blocked, obstructed, or otherwise made inoperable. Fusible links shall be replaced promptly whenever fused or damaged. Opening protectives and smoke and draft control doors shall not be modified.*

### **If you have additional questions:**

Please feel free to contact a Fire Inspector at 214-509-4400 to discuss your specific needs. You may also send your questions to [firecad@cityofallen.org](mailto:firecad@cityofallen.org).