



DEPARTMENT OF PERMITTING SERVICES

Marc Elrich
County Executive

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Director

GENERAL REQUIREMENTS FOR EXISTING FIRE-RESISTIVE CONSTRUCTION IN HIGH-RISE BUILDINGS

(A) BACKGROUND

The fire resistance of high-rise building structural components is critically important for building occupants and first responders. A maintenance program to return any damaged fire resistance-rated construction to its original condition is important. Damage or breaches to such materials can reduce or eliminate their fire-resistive characteristics, making them ineffective in the event of a fire. Periodic inspections will ensure that the fire-resistive construction has not lost its integrity.

(B) FIRE CODE REQUIREMENTS

1. 2021 Edition of NFPA 1: Section 12.3.3 Maintenance of Fire Resistive Construction, Draft-Stop Partitions, and Roof Coverings. Section includes, but is not limited to, the following: fire resistive joint systems, through penetration firestops, membrane penetrations, fire resistive coatings, spray-on materials, fire barriers, fire walls, exterior walls, draft stop partitions, and roof coverings.
 - a. All fire-resistive construction shall be maintained.
 - b. All fire-resistive construction shall be properly repaired, restored, or replaced where damaged, altered, breached, penetrated, removed, or improperly installed.
2. INSPECTION SCHEDULE:
 - a. Fire-resistive construction in high-rise buildings shall be visually inspected at least every three (3) years where readily accessible.
3. ENDORSEMENT ON FCC PERMIT:
 - a. An endorsement will be a part of the annual Fire Code Compliance (FCC) permit for any high-rise building containing fire-rated assemblies.
 - b. A single permit for "Fire Rated Assemblies" will encompass all fire-resistive construction under section 12.3.3 of the 2021 NFPA 1, *Fire Code* for that building.

(C) INSPECTION TECHNICIAN PERSONNEL REQUIREMENTS

1. Persons performing the visual inspection of fire-resistive construction shall have the appropriate technical knowledge and experience in fire-resistance-rated design and construction.
2. Persons performing the visual inspection of fire-resistive construction shall submit the signed affidavit along with an inspection report of any found deficiencies to the FCC.



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www.montgomerycountymd.gov/dps

(D) SERVICE REQUIREMENTS

1. When maintenance or visual inspection reveals a deficiency, the fire-resistive construction shall be repaired, replaced, or otherwise installed under permit from the Department of Permitting Services.

AFFIDAVIT FOR FIRE-RESISTIVE CONSTRUCTION IN HIGH-RISE BUILDINGS

- ☐ **I have technical knowledge of, and have experience in fire-resistive construction.**
- ☐ **I performed a visual inspection of the fire-resistive construction for the building located at**

(street address)

- ☐ **There were no deficiencies found during the visual inspection of the fire-resistive construction.**
- ☐ **There were deficiencies found during the visual inspection of the fire resistive construction. See the attached form.**
- ☐ **I certify, under penalty of perjury, that all matters and facts set forth in this affidavit are true to the best of my knowledge and belief and that I have the authority to make this application on behalf of the company, business, or organization referenced within. I further certify that I have a clear understanding of, and will adhere to, all instructions and requirements set forth in this document.**

Signature of Inspector: _____ **Date:** _____

Printed Name: _____ **Title:** _____

FIRE-RESISTIVE CONSTRUCTION FOR HIGH-RISE BUILDINGS – DEFICIENCY REPORTING FORM

Address:

Inspector Name:

Email/phone:

Item #	Location	Description of Deficiency
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[illegible]

Date: