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288

Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance–Rated Assemblies

2022

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2022 Edition

NFPA, 1 Batterymarch Park, Quincy, Massachusetts
An International Codes and Standards Organization

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Standard Methods of

Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance–Rated Assemblies

2022 Edition

This edition of NFPA 288, *Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance–Rated Assemblies*, was prepared by the Technical Committee on Fire Tests. It was issued by the Standards Council on May 15, 2021, with an effective date of June 4, 2021, and supersedes all previous editions.

This edition of NFPA 288 was approved as an American National Standard on June 4, 2021.

Origin and Development of NFPA 288

This test procedure was developed in response to inquiries from outside sources to investigate and establish a testing procedure for floor fire doors. NFPA 80, *Standard for Fire Doors and Other Opening Protectives*, had a reference for horizontal access doors and required those assemblies to be tested in a horizontal position in accordance with the procedure described in NFPA 251, *Standard Methods of Tests of Fire Endurance of Building Construction and Materials* (now withdrawn).

NFPA 251 noted that the test standard did not provide for the effect on fire endurance of conventional openings in the assembly unless specifically provided for in the construction tested. This provision limited the testing of the floor fire door to the particular floor/ceiling or roof assembly used. Prior to this test method being developed, some testing laboratories provided testing and labeling of these products. There were many test protocols that had to be assumed, which created inconsistency in the testing procedures and listing requirements.

This test procedure provides for consistency in the testing and listing of floor fire doors. The test procedure has incorporated provisions from NFPA 251, *Standard Methods of Tests of fire Resistance of Building Construction and Materials* (now withdrawn), and NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*, where appropriate.

The 2007 edition of NFPA 288 was a reconfirmation of the 2001 edition.

The 2012 edition expanded the document's scope to include horizontal assemblies, such as roofs. Requirements for thermocouple locations were also revised.

The revisions in the 2017 and 2022 editions are limited to reference updates and minor editorial corrections.

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