

NFPA® 257

Standard on Fire Test for Window and Glass Block Assemblies

2012 Edition



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NFPA® 257

Standard on

Fire Test for Window and Glass Block Assemblies

2012 Edition

This edition of NFPA 257, *Standard on Fire Test for Window and Glass Block Assemblies*, was prepared by the Technical Committee on Fire Tests. It was issued by the Standards Council on December 13, 2011, with an effective date of January 2, 2012, and supersedes all previous editions.

This edition of NFPA 257 was approved as an American National Standard on January 2, 2012.

Origin and Development of NFPA 257

This standard was tentatively adopted by NFPA in 1969 and officially adopted in 1970. Subsequent revisions were released in 1975, 1980, 1985, and 1990.

The 1996 edition of NFPA 257 was a complete rewrite that included editorial and technical revisions. Many of the editorial and technical revisions were made to parallel those of NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*. The technical revisions included modifications to the furnace pressure. The neutral pressure was eliminated so that the test assembly could be tested to the pressure required by other code requirements (i.e., NFPA 101®, *Life Safety Code*®, and the model building codes). In addition, the duration of the test method was extended beyond the 45 minutes required in previous editions to allow for the testing of new glazing materials.

The 2000 edition was completely revised for the purposes of consistency and editorial reformatting. This document was modified so that the test protocols and equipment used would be more consistent with the provisions found in NFPA 251, *Standard Method of Tests of Fire Endurance of Building Construction and Materials*, and NFPA 252, *Standard Method of Fire Tests of Door Assemblies*. This revision recognized the positive pressure testing required by some of the model building codes. It also provided greater clarification on how to conduct the hose stream test to achieve greater repeatability and reproducibility.

The 2007 edition was a complete revision for compliance with the *Manual of Style for NFPA Technical Committee Documents*. It also contained revisions to its scope and purpose provisions to clarify the committee's intent, and it contained a new reference to ASTM E 2226, *Standard Practice for Application of Hose Stream*, for details on conducting the hose stream test.

The 2012 edition has been revised to require that all tests be run under positive pressure.

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