

# NFPA® 290

## Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers

2023 Edition



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An International Codes and Standards Organization

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## NFPA® 290

### Standard for

## Fire Testing of Passive Protection Materials for Use on LP-Gas Containers

### 2023 Edition

This edition of NFPA 290, *Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers*, was prepared by the Technical Committee on Fire Tests. It was issued by the Standards Council on April 28, 2022, with an effective date of May 18, 2022, and supersedes all previous editions.

This edition of NFPA 290 was approved as an American National Standard on May 18, 2022.

### Origin and Development of NFPA 290

Although the 2003 edition was the first edition of NFPA 290, *Fire Testing of Passive Protection Materials for Use on LP-Gas Containers*, a test procedure for torch fire and hose stream testing of thermal insulating systems for LP-Gas containers has been included as an annex to NFPA 58, *Liquefied Petroleum Gas Code*, since the 1986 edition of that code. That test method was developed by the Technical Committee on Fire Tests at the request of the Technical Committee on Liquefied Petroleum Gases as a result of numerous BLEVE incidents that had occurred in previous years. In the mid-1990s, the test procedure saw greater use, particularly outside the United States, and the two technical committees agreed that it should be developed and maintained as a fire test standard under the scope of the Fire Test Committee rather than as an annex to NFPA 58.

The 2003 edition of NFPA 290 represented a refinement of the test procedure that previously appeared as an appendix to NFPA 58, and it reorganized the procedure as a stand-alone fire test standard using mandatory language in accordance with the *Manual of Style for NFPA Technical Committee Documents*.

The 2009 edition contained revisions to clarify its scope and purpose and a revised definition of the term *passive fire protection material*.

No major changes were made in 2013.

The 2018 edition has been updated to reference the most up-to-date standards and terminology.

In 2023, clarification has been added to the annex related to NFPA 58 and NFPA 59.