

NFPA 1989

Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection

2003 Edition



NFPA, 1 Batterymarch Park, PO Box 9101, Quincy, MA 02269-9101
An International Codes and Standards Organization

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NFPA 1989

Standard on

**Breathing Air Quality for Fire and Emergency Services
Respiratory Protection**

2003 Edition

This edition of NFPA 1989, *Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection*, was prepared by the Technical Committee on Respiratory Protection and Personal Alarm Equipment, released by the Technical Correlating Committee on Fire and Emergency Services Protective Clothing and Equipment, and acted on by NFPA at its November Association Technical Meeting held November 16–20, 2002, in Atlanta, GA. It was issued by the Standards Council on January 17, 2003, with an effective date of February 6, 2003.

This edition of NFPA 1989 was approved as an American National Standard on January 17, 2003.

Origin and Development of NFPA 1989

In 1999, the NFPA Standards Council assigned the responsibility of documents covering breathing air quality for respiratory protection to the Technical Committee on Respiratory Protection and Personal Alarm Equipment. Previously, three documents, NFPA 1404, NFPA 1500, and NFPA 1981, carried different requirements about breathing air quality.

The Technical Committee developed this new standard, NFPA 1989, with the goal of establishing a single set of requirements for the quality of breathing air used in atmosphere-supplying respirators, including open-circuit self-contained breathing apparatus (SCBA), used by fire and emergency services personnel.

This first edition was acted on by the NFPA membership at the Fall Meeting in Atlanta, Georgia, on 20 November 2002.

In Memoriam, 11 September 2001

We pay tribute to the 343 members of FDNY who gave their lives to save civilian victims on 11 September 2001 at the World Trade Center. They are true American heroes in death, but they were also American heroes in life. We will keep them in our memory and in our hearts. They are the embodiment of courage, bravery, and dedication. May they rest in peace.

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Committee Scope: This Committee shall have primary responsibility for documents on the design, performance, testing, and certification of protective clothing and protective equipment manufactured for fire and emergency services organizations and personnel, to protect against exposures encountered during emergency incident operations. This Committee shall also have the primary responsibility for documents on the selection, care, and maintenance of such protective clothing and protective equipment by fire and emergency services organizations and personnel.

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Committee Scope: This Committee shall have primary responsibility for documents on protective equipment that provides respiratory protection for fire fighters or other emergency services responders during incidents involving operations conducted in hazardous or oxygen deficient atmospheres. These operations include the activities of rescue, fire suppression, hazardous materials mitigation, and property conservation where exposures to an oxygen deficient atmosphere or an atmosphere contaminated with harmful particulate, fog, fume, mist, gas, smoke, spray, or vapor will or could occur.

These lists represent the membership at the time the Committees were balloted on the final text of this edition. Since that time, changes in the membership may have occurred. A key to classifications is found at the back of the document.

NOTE: Membership on a committee shall not in and of itself constitute an endorsement of the Association or any document developed by the committee on which the member serves.