

NFPA[®]

37

Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines

2018



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NFPA® 37

Standard for the

Installation and Use of Stationary Combustion Engines and Gas Turbines

2018 Edition

This edition of NFPA 37, *Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines*, was prepared by the Technical Committee on Internal Combustion Engines and acted on by NFPA at its June Association Technical Meeting held June 4–7, 2017, in Boston, MA. It was issued by the Standards Council on August 17, 2017, with an effective date of September 6, 2017, and supersedes all previous editions.

This edition of NFPA 37 was approved as an American National Standard on September 6, 2017.

Origin and Development of NFPA 37

This project was initiated in 1904 as “Rules and Requirements for the Construction and Installation of Gas and Gasolene [*sic*] Engines” by the Committee of Consulting Engineers of the National Board of Fire Underwriters. Editions of NBFU No. 37 were published in 1905 and 1910.

The project was turned over to the NFPA Committee on Explosives and Combustibles, who produced the 1915 edition by combining the 1910 edition of NFPA 37 with the 1908 edition of NBFU No. 37A, “Rules and Requirements for the Construction, Installation and Use of Coal Gas Producers (Pressure and Suction Systems).” The 1915 edition was designated NFPA 37 – 37A, *Installation and Use of Internal Combustion Engines (Gas, Gasolene [*sic*], Kerosene, Fuel Oil) also Coal Gas Producers (Pressure and Suction Systems)*. Responsibility for the project was later transferred to the Committee of Gases, which produced revised editions of NFPA 37 – 37A in 1922 and 1934.

In 1955, responsibility for the standard was transferred to the Committee on Internal Combustion Engines, which eliminated the provisions addressing coal gas producers. Revised editions of the document were issued in 1959, 1963, 1967, 1970, 1975, 1979, 1984, 1990, 1994, 1998, 2002, 2006, 2010, 2015, and 2018.

The 1998 edition incorporated the following major amendments:

- (1) Major restructuring of the document
- (2) Removal of the 7500 hp limitation in the scope of the standard
- (3) Clarification of the definition for an *engine enclosure* and addition of a definition for *engines for emergency use*
- (4) Clarification of requirements for fuel tanks and fuel supply for liquid-fueled engines
- (5) Inclusion of guidance for the installation of gas trains for gaseous-fueled engines
- (6) Addition of requirements for engine exhaust systems

The 2002 edition incorporated the following major amendments:

- (1) The entire document was revised and restructured to comply with the *Manual of Style for NFPA Technical Committee Documents*.
- (2) Definitions in Chapter 3 were reviewed for consistency with definitions in other NFPA documents, systematically aligned, and individually numbered.
- (3) Paragraph structuring was revised with the intent of one mandatory requirement per section, subsection, or paragraph.
- (4) Information that was considered explanatory or advisory was relocated to Annex A, Explanatory Material.
- (5) Exceptions were deleted or rephrased in mandatory text, unless the exception represented an allowance or required alternate procedure to a general rule when limited specific conditions exist.
- (6) New requirements were added for containment of fuel spills.