

STANDARD INFORMATION

Standard: NFPA 32

Standard ID: Standard for Drycleaning Facilities [NFPA 32:2020 Ed.2021]

Previous Standard ID: Standard For Drycleaning Facilities [NFPA 32:2015 Ed.2016]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 1, 2027**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- Fire safety concerns related to the conversion of equipment and solvents
- Flash Point and Flammability Limits

Specific details of new/updated requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
4	Info	General Facility and Materials Requirements The provisions of this chapter shall apply to <u>the following (see Annex B):</u>
4.1		<u>(1) General requirements for solvents and liquids</u> <u>(2) All types of drycleaning facilities employing all classes of solvents and all versions of drycleaning equipment</u>
		<i>New section added;</i>
4.1.2		Solvents Solvent requirements shall be in accordance with Chapters 5 and 6 and this section. See standard for details.
		<i>New section added;</i>
4.1.3		Classification Scheme A liquid with a closed-cup flash point below 37.8°C (100°F) shall be designated as a Class I liquid (i.e., flammable liquid), as determined by the test procedures and apparatus set forth in 4.1.4 and a Reid vapor pressure that does not exceed an absolute pressure of 276 kPa (40 psi) at 37.8°C (100°F), as determined by ASTM D323, Standard Test Method for Vapor Pressure of Petroleum Products (Reid Method). [30:4.2.1.1] See standard for details.
		<i>New section added;</i>
4.1.4		Determination of Flash Point (FP) The flash point of a liquid shall be determined according to the methods specified in 4.1.4.1 through 4.1.4.4. [30:4.4] See standard for details.
4.5	Info	Boilers



CLAUSE	VERDICT	COMMENT
		<i>New clause added;</i>
4.5.2.1		Doors in barriers required to have a fire resistance rating shall have a 3/4-hour fire protection rating and shall be self-closing or automatic-closing in accordance with 11.2.1.8 of NFPA 5000. [5000:8.15.3]
4.6	Info	Fire Protection
4.6.3	Info	Automatic Fire-Extinguishing Systems
		<i>New clause added;</i>
5.6.3.4		Dry Chemical Fire-Extinguishing Systems
		Dry chemical fire-extinguishing systems shall comply with NFPA 17.
6	Info	General Equipment and Solvent Requirements
6.4	Info	Solvents
		Solvents used in equipment shall not be used unless they meet one of the following requirements:
6.4.3		(1) The original equipment manufacturer has provided authorization to use the solvent in the equipment as identified on the nameplate. (2)* The original equipment manufacturer has provided written documentation authorizing the use of the solvent in the equipment. (3)* A qualified testing laboratory or inspection agency concerned with product evaluations has <u>tested the flashpoint, LFL, and UFL of the solvent and provided evidence that the solvent will not change class or flammable limit when used in the drycleaning process.</u>
6.4.4	Info	Flash Point and Flammability Limits
		<i>New clause added;</i>
6.4.4.3		Solvent flammability limits shall be tested by a nationally recognized testing laboratory to an applicable reference standard.
6.5	Info	Change of Solvent
		A change of solvent within the same solvent class shall be allowed if one of the following conditions has been met:
6.5.2		(1)* <u>The original equipment manufacturer accepts the solvent for use in the machine as indicated on the nameplate.</u> (2) <u>The facility owner has written documentation for the use of the solvent in the machine by the original equipment manufacturer.</u> (3) <u>The solvent manufacturer has obtained written authorization from the equipment manufacturer for use of the solvent in the equipment.</u>