

## STANDARD INFORMATION

**Standard:** UL 962

**Standard ID:** Household and Commercial Furnishings [UL 962:2014 Ed.4+R:15Feb2022]

**Previous Standard ID:** Household and Commercial Furnishings [UL 962:2014 Ed.4+R:12Jan2021]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **February 15, 2024**

## 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 Reports not updated to this version by the effective date above will be withdrawn.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:

- Revisions to the standard scope to specify that UL 2999 applies to individual commercial office furnishings
- Compliance criteria for glass panels used in mirrors
- Revision to the flammability test requirements for commercial furnishings

Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.***



## STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
1	Info	<b>Scope</b>
1.6		Office furnishing systems (panel systems) are covered by the Standard for Office Furnishings, UL 1286 <u>and individual commercial office furnishings are covered by Standard for Individual Commercial Office Furnishings, UL 2999.</u>
31	Info	<b>Furniture Flammability</b>
31.3	Info	<b>Commercial furnishing flammability</b>
		<b><i>New section added;</i></b>
31.3.2		Each commercial furnishing shall be tested in accordance with the tests specified in 31.3.2A – 31.3.2C, as applicable.
31.3.2A		Each planar surface with overall surface area greater than 10 ft <sup>2</sup> (0.93 m <sup>2</sup> ) shall be investigated to the Standard for Test for Surface Burning Characteristics of Building Materials, UL 723, or the Standard for Surface Flammability of Materials Using a Radiant Heat Energy Source, ASTM E162. Each test for UL 723 requires a sample length of 24 feet (7.3 m) and a sample width of 24 inches (0.6 m). The length can usually be comprised of separate lengths butted together. Each test for ASTM E162 requires four test specimens with a sample length of 18 inches (457 mm) and sample width of 6 inches (152 mm).
31.3.2B		The test methods in either the Standard for Fire Tests for Foamed Plastics Used for Decorative Purposes, UL 1975 or the Standard Method of Fire Test for Individual Fuel Packages, NFPA 289, shall be used for furnishings that do not have a flat planar surface and the overall size of one side is greater than 10 ft <sup>2</sup> (0.93 m <sup>2</sup> ).
31.3.2C		An individual fabric material used without a backing material with an overall size of one side greater than 10 ft <sup>2</sup> (0.93 m <sup>2</sup> ) shall comply with the Standard Test Methods of Fire Tests for Flame Propagation of Textiles and Films, NFPA 701.
	Info	<b>MECHANICAL TESTS</b>
33	Info	<b>General Conditions</b>
		<b><i>New clause added;</i></b>
33.3		Commercial tables, lab benches, or similar furnishings that are not provided with a work surface and/or secondary surfaces (shelves) shall be tested with a work surface and/or secondary surfaces (shelves) placed on the table that reflects the same sizes and shapes recommended by the table manufacturer. The work surface and/or secondary surfaces (shelves) shall have sufficient strength to support the test loads. The manufacturer may provide an actual work surface and/or



CLAUSE	VERDICT	COMMENT
		secondary surfaces (shelves). The work surface and/or secondary surfaces (shelves) shall be secured by the mechanical means required by the work surface and/or secondary surfaces (shelves) manufacturer.
		<b><i>New clause added;</i></b>
33.4		When a commercial table, lab bench, or similar furnishing that is not provided with a work surface and/or secondary surfaces (shelves) is evaluated with a work surface and/or secondary surfaces (shelves), whether from a different manufacturer or from the same manufacturer, the table manufacturer's instructions shall be reviewed to determine if the work surface and/or secondary surfaces (shelves) meet the table manufacturer's design specification. If not, all of the tests in Sections 34 – 48 shall be reviewed to determine if the combination of the table and work surface and/or secondary surfaces (shelves) comply with the requirements.
		<b><i>New section added;</i></b>
40A		<b>Tests On Mirrors Using Glass And Laminate Construction</b>
40A.1		<b>Boiling test</b>
40A.1.1		Three 12 by 12 inches (30 by 30 cm) samples of the glass and laminate construction of a mirror shall be immersed in water maintained at $66 \pm 2^{\circ}\text{C}$ ( $150 \pm 4^{\circ}\text{F}$ ) water for 3 minutes. The samples shall be quickly removed and placed in boiling water [minimum $100 \pm 2^{\circ}\text{C}$ ( $212 \pm 4^{\circ}\text{F}$ )] for 2 hours. After the water conditioning, the samples shall be allowed to cool by returning to room temperature. The samples are then to be dried and examined.
40A.1.2		There shall be no evidence of bubbles or other defects more than 0.5 inch (12 mm) from the outer edge of the sample or from any crack in the glass that may develop. The glass itself may crack as a result of the test.
40A.2		<b>Impact test</b>
40A.2.1		Four samples of a mirror constructed with glass and laminate shall be installed in accordance with the manufacturer's installation instructions and subjected to this test. A 100 pound (45.4 kg) bag filled with shot shall be raised to a height of 48 inches (122 cm) to produce an impact of 400 ft-lbf (542 J) and allowed to fall as a pendulum to impact the mirror. For example, the bag is to fall as a pendulum with a rope 96 inches (244 cm) from a pivot point so as to traverse a horizontal distance of 83 inches (211 cm) and strike the mirror. The impact point shall be within 2 inches of the center of the mirror.
40A.2.2		The glass and laminate shall not have an opening greater than 3 inches (7.6 cm) in diameter, and the total weight of ten largest pieces of the glass and laminate shall not exceed the weight of a 10 square inch (64 cm <sup>2</sup> ) section of glass and laminate.



CLAUSE	VERDICT	COMMENT
	Info	<b>MARKINGS</b>
67	Info	<b>General</b>
		<i><b>New clause added;</b></i>
67.45		Commercial tables, lab benches, and similar furnishings that are not provided with a work surface and/or secondary surfaces (shelves) shall be marked “WARNING – Risk of Fire, Electric Shock, or Personal Injury – The table is not complete until mated with a work surface. ` Read instructions to determine the appropriate size, shape, and weight of work surface and/or secondary surfaces (shelves) is used.” Or equivalent.
		<i><b>New clause added;</b></i>
67.46		Work surfaces and/or secondary surfaces (shelves) that are provided separately from commercial tables, lab benches and similar furnishings shall be marked “WARNING – Risk of Fire, Electric Shock, or Personal Injury – Read instructions for the work surface and/or secondary surfaces (shelves) and/or shelf and for the _____ to determine if the surface is appropriate for use with the intended _____.” Or equivalent. Where the blank is the type of product, such as a table or lab bench.
	Info	<b>INSTRUCTIONS</b>
72	Info	<b>General</b>
		<i><b>New clause added;</b></i>
72.27		Commercial tables, lab benches, and similar furnishings that are not provided with a work surface and/or secondary surfaces (shelves) shall be provided with instructions that explain the maximum load (weight) that may be applied. The instructions shall also explain that the weight of the work surface and/or secondary surfaces (shelves) needs to be considered along with any intended accessories and their loads. For example, if the table is rated to hold 200 lbs. and the work surface weighs 50 lbs. and a 5 lb. storage cabinet for a CPU is included, then the table with these items will be able to support an additional 145 lbs.
		<i><b>New clause added;</b></i>
72.28		Commercial tables, lab benches, and similar furnishings that are not provided with a work surface and/or secondary surfaces (shelves) shall be provided with instructions that explain the size and shape of the work surface and/or secondary surfaces (shelves). The instructions shall state exactly where the legs shall be located in relation to the work surface. The instructions shall also state where the supports shall be located for any secondary surfaces (shelves).



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		<b><i>New clause added;</i></b>
72.29		Separately-supplied work surfaces and/or secondary surfaces (shelves) for use with commercial tables, lab benches, and similar furnishings shall be provided with instructions to thoroughly review the specifications for the table or other furnishing that this work surface and/or secondary surfaces (shelves) is intended to be used with, to determine if the work surface and/or secondary surfaces (shelves) is appropriate for use with the table or desk. The instructions shall also specify that surfaces greater than 10 sq. ft. (0.93 sq. m.) shall have a flame rating of 200 or less and either a smoke-developed index of 450 or less, or be marked with the smoke rating as specified in 67.25.
74	Info	<b>Instructions Pertaining to a Risk of Fire, Electric Shock, or Injury to Persons</b>
		The instructions required by Section 72, General, shall include the items in the following list, as applicable, and any other instructions that the company determines are required for the furnishing. The statement "Read all instructions before using" shall precede the list of items following the word "DANGER." The items are able to be numbered.
74.5		<p style="text-align: center;">IMPORTANT SAFETY INSTRUCTIONS</p> When using an electrical furnishing, basic precautions should always be followed, including the following:  <u>17. Mount only approved work surfaces and secondary surfaces (shelves) in accordance with instructions. Failure to do so may cause instability, collapse, or failure of electrical components. [Applicable to furnishings that are not provided with a work surface and/or secondary surfaces (shelves)].</u>