STANDARDS UPDATE NOTICE (SUN)
ISSUED: June 4, 2025

STANDARD INFORMATION

Standard: UL 1023
Standard ID: Household Burglar-Alarm System Units [UL 1023:2017 Ed.7+R:16Sep2024]
Previous Standard ID: Household Burglar-Alarm System Units [UL 1023:2017 Ed.7+R:20May2021]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **September 16, 2026**

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 Reports not updated to this version by the effective date above will be withdrawn.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: Changes in requirements for Jarring Test Methods for Desktop, Freestanding, Non-wall and Non-ceiling Type Mounted Products.

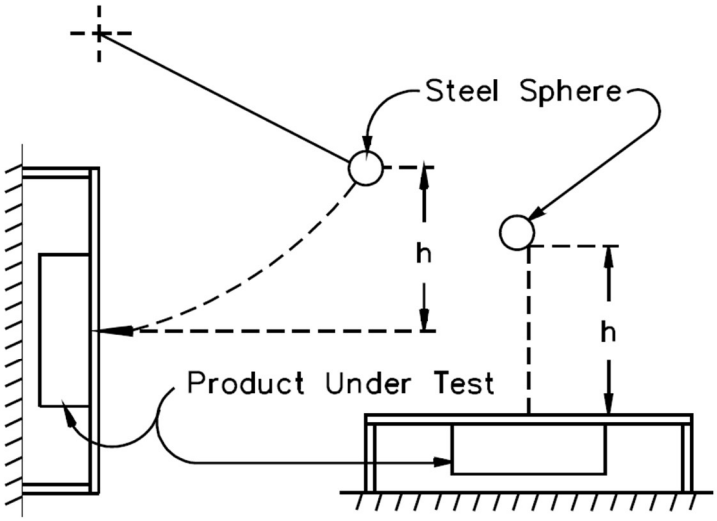
Specific details of new/revised requirements are found in table below

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		Additions to existing requirements are <u>underlined</u> and deletions are shown ~~lined out~~ below.
41		***Section 41 Jarring Test has been deleted and replaced by 41A.***
41A		***New section added;*** **Jarring Test**
41A.1		A household burglar alarm product shall withstand jarring resulting from impact and vibration in the intended application without: a) Resulting in a risk of electric shock or fire hazard; b) Causing false operation of any part; and c) Impairing the subsequent intended operation, as evidenced by compliance with the requirements in the Operation Test, Section 29.
41A.2		Products utilizing freestanding, or other non-wall- or ceiling-type mounting shall comply with the requirements in 41A.1 when subjected to the jarring described in 41A.4. Desktop products shall comply with the requirements of 41A.1 when subjected to the conditions described in 41A.6.
41A.3		Products, including batteries where applicable, weighing less than 30 lbs (13.6 kg) and utilizing wall or ceiling mount configurations shall comply with the requirements in 41A.1 when subjected to the jarring described in 41A.5. Products, including batteries where applicable, weighing 30 lbs (13.6 kg) or more and utilizing wall or ceiling mount configurations shall comply with the requirements in 41A.1 when subjected to the jarring described in 41A.4 or 41A.5. The direct impact shall be applied to the center of the side of the product intended to be adjacent to the mounting surface during intended mounting.
41A.4		An impact of 3 ft·lb (4.08 J) is to be applied directly to any non-display area of the product by means of a 1.18 lb (540 g), 2-inch (51 mm) diameter steel sphere swung through a pendulum arc from a height (h) of 30.5 inches (775 mm). The at-rest suspension point of the steel sphere is to be 1 inch (25.4 mm) in front of the plane of the product to be impacted.
41A.5		The product is to be mounted as intended to the center of a 6 by 4 foot (1.8 by 1.2 m) nominal ¾ inch (19.1 mm) thick plywood board that is secured in place at four corners. A 3 ft·lb (4.08 J) impact is to be applied to the center of the reverse side of this board by means of a 1.18 lb (540 g), 2-inch (51 mm) diameter steel sphere either: a) Swung through a pendulum arc from a height (h) of 30.5 inches (775 mm); or b) Dropped from a height (h) of 30.5 inches (775 mm) depending upon the mounting of the equipment.

CLAUSE	VERDICT	COMMENT
Figure 41A.1		**Jarring Test**  (1) Test Method For Unit Intended to be Mounted Vertically (2) Test Method For Unit Intended to be Mounted Horizontally
41A.6		Products intended to be mounted on a desktop shall be permitted provided both of the following conditions are met: a) The product is supervised such that a tamper event/signal is annunciated when it is displaced from the mounting position; and b) The product operates as intended after being dropped four consecutive times onto a hardwood floor from a height of 30.5 inches (775 mm). If the sample has corners, it is to be dropped on a different corner each time, selecting the four corners that appear to be most susceptible to damage. If the product has no corners, it is to be dropped on the four portions that appear to be most susceptible to damage. Reassembly without the use of tools is allowed provided no permanent damage has occurred.
41A.7		During this test, the product shall be operated in the normal standby condition and connected to a rated source of supply in accordance with the requirements in 28.2.2.