

## Standard Information

**Standard Number:** UL 430

**Standard Name:** Standard for Safety for Waste Disposers

**Standard Edition and Issue Date:** 8<sup>th</sup> Edition Dated September 8, 2015

**Date of Revisions:** 8<sup>th</sup> Edition Dated September 8, 2015

**Date of Previous Revisions to Standard:** 7<sup>th</sup> Edition Dated December 16, 2009 Revised December 10, 2014

## Effective Date of New/Revised Requirements

**Effective Date (see Processing Schedule below):** **September 26, 2016**

## Impact, Overview, Fees and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date of **September 26, 2016** unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Addition Of Requirements Specific To A Foot Actuated Switch Of A Disposer For Household Use. Specific details of new/revised requirements are found in table below.

**Processing Schedule:** So that production of products bearing Listing Marks will not be interrupted, the following schedule of **approximate** dates has been established to ensure Listing Reports are found compliant by Effective Date:

- January 25, 2016 = 8 Month Report Review – Intertek will review all Reports. Update if compliance is verified or issue Findings Letter/Quote for any re-evaluations needed
- March 25, 2016 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- August 26, 2016 = 30 Day Warning – Client advised of all non-compliant Reports to be Suspended
- **September 26, 2016** = Effective Date – ATM Suspended for all non-compliant Reports

**Fees:** An initial review of Listing Report (s) will be covered by a direct billing project and will be invoiced at not more than \$1000 per report.

### Client Action Required:

**Information** – To assist our Intertek Engineer with review of your Certification Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements not apply to your product (s).

**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.*

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment
20	Info	<b>Foot Actuated Switches For Household Use Only</b>
20.1	Info	<b>General</b>
20.1.1		<p>A foot actuated switch of a disposer for household use shall comply with the following:</p> <p>a) Actuation of the switch shall require a minimum of two different and distinct motions, each motion triggering a different switch actuating mechanism. A foot motion toward the front of the cabinet or a downward foot motion toward the floor shall not be a foot motion that triggers any switch actuation mechanism.</p> <p>b) A minimum force of 2 pounds (.90 kg) shall be required to activate each footswitch assembly activating mechanism.</p> <p>c) Deactivation of the switch shall require only one motion that returns the switch to a nonoperating condition.</p> <p>d) The switch assembly shall be activated in accordance with item (a) of this section and upon removal of active pressure on any activation mechanism the footswitch assembly shall deactivate and reset. Reactivation shall require the switch to fully comply with all the activation requirements of subsection a) of this section. Exception: When pressure is maintained upon the first activating mechanism keeping it continuously activated while simultaneously operating the second activation mechanism, deactivation of the second mechanism would not require the footswitch assembly to reset.</p> <p>e) The switch shall have provisions and associated instructions to be firmly attached (to the cabinet, wall, floor, etc.) as intended.</p> <p>f) A switch assembly that is not an integral part of the disposer, and is located where water could drip, spray or accumulate once installed, shall comply with the Water Spill Test, Section 20.2.</p> <p>g) The switch assembly shall comply with the requirements in Enclosure, Section 7. The actuating mechanism of the switch shall be subjected to the Impact Test, Section 52. As a result of the test, there shall be no mechanical malfunction of the switch actuator and shall comply with the requirements in 20.1.1 (a) and (b).</p> <p>h) The switch shall comply with the applicable requirements in Switches, Section 5.20, or with the Standard for Industrial Control Equipment, UL 508. The switch together with the actuator shall comply with a minimum of 6,000 cycles of operation.</p> <p>i) The switch shall comply with the applicable requirements in Switches and Controls, Section 18.</p>

# Standards Update Notice (SUN)

Issued: November 6, 2015

20.2	Info	<b>Water Spill Test</b>
20.2.1		A switch assembly as described in 20.1.1 (d) shall comply with 20.2.2 – 20.2.6.
20.2.2		With the switch assembly positioned as intended during installation, 2 gallons (8 liters) of the solution specified in 20.2.3 shall be poured over the switch assembly and associated parts that are likely to be subject to dripping, spraying or accumulating water. A cabinet or portion thereof ordinarily used to mount the switch during installation shall be made to not interfere with water gaining access to the switch assembly.
20.2.3		The solution specified in 20.2.2 shall consist of $8 \pm 0.1$ grams of table salt per $1 \pm 0.1$ liters of distilled water of ambient room temperature.
20.2.4		The solution specified in 20.2.2 shall consist of $8 \pm 0.1$ grams of table salt per $1 \pm 0.1$ liters of distilled water of ambient room temperature.
20.2.5		As soon as possible after the water is poured, and without disturbing the switch, the switch shall comply with: a) The Leakage Current Test, Section 35; b) The Insulation Resistance Test, Section 36.3; and c) The Dielectric Voltage-Withstand Test, Section 40.
20.2.6		After the tests in 20.2.5, the outside surface shall be dried and the inside of the switch assembly examined for any evidence of wetting of uninsulated live parts. No water shall be evident on uninsulated live parts, and no immersion of insulated parts.
		<b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with the new/revised requirements.