

## Standard Information

**Standard Number:** UL 1017 / CSA C22.2 No. 243

**Standard Name:** Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines

**Standard Edition and Issue Date:** UL 9<sup>th</sup> Edition / CSA 5<sup>th</sup> Ed. Dated April 13, 2015

**Date of Revision:** April 13, 2015

**Date of Previous Revision to Standard:** 8<sup>th</sup> Edition Revised September 10, 2010

## Effective Date of New/Revised Requirements

**Effective Date (see Schedule below):** April 2, 2018

## 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Details of new/revised requirements are found in following pages.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

**Fees:** So that production of products bearing the Listing Mark will not be interrupted, a quote will be issued for the Applicant to work with their local Intertek Lab to determine the necessary test program, sampling requirement and needed construction details and/or updated marking/instruction details.

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do 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**Current Listings Not Active?** – *Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.*



# Standards Update Notice (SUN)

Issued: May 24, 2016

## Description of New/Revised Technical Requirements

**The new edition of UL 1017 incorporates the following new and revised requirements:**

- a) Molded and Stamped Marking Dimensions,
- b) International Symbol for DC Rated Products,
- c) End Product Flame Tests,
- d) Pet Grooming Attachment,
- e) Test Carpet Requirements,
- f) Abnormal Operation: Electronic Component Exception for Motor-Driven Brushes,
- g) Maintenance of Mean Wattage During Normal Temperature Test,
- h) Grounding of Permanently Connected Appliances,
- i) Shop-type Vacuum Provided with Two or More General-Use Receptacles,
- j) Cord Reels,
- k) Electronic Control Requirements and Switch Requirements,
- l) Appliances Shipped Partially Disassembled,
- m) Motor Requirements,
- n) Class F (155 C) Insulation System Maximum Temperature Rise Requirements,
- o) Cleaning Fluid Identification,
- p) Attachment Plug Configuration and Amp Ratings,
- q) Electrical Bonding Through Motor Bearing Surfaces,
- r) Exceptions to Thermoplastic Motor Insulation System Tests,
- s) Cord Retention and Extension Cord Requirements,
- t) Air Flow Rate for the Internal Abrasion Test,
- u) Vacuum Cleaner with Steam-Cleaning Attachment,
- v) Wet/Dry Pick-Up Household and Blower Cleaner not Provided with a Container,
- w) SPT Cord,
- x) Update of UL/CSA Standards for Outlet Boxes and Cover Plates,
- y) Hard Surface Attachment and/or Proprietary Fluid not Provided with the Appliance,
- z) Mechanical Valve Endurance Test,
- aa) Component Requirements,
- ab) Glow-Wire End-Product Test in Lieu of HWI Requirements,
- ac) Figure 25 Correction,
- ad) Automatic Rechargeable Battery-Powered Vacuum Cleaner Requirements,
- ae) Electrical Quick-Connect Terminals,
- af) Temperature of Hot Water,
- ag) Internal Wiring and Interconnecting Cord Flexing Test – Alternate Compliance Criteria,
- ah) Shop-Type Vacuum Cautionary Marking and Instructions,
- ai) Appliances Generating Ultraviolet (UV) Radiation,
- aj) Secondary Circuits and the Level of Evaluation Required,
- ak) Floor Sweeper Requirements,
- al) Rotating Plug Used on Current-Carrying Hose End Fitting,
- am) Movable Guard on a Motorized Nozzle,
- an) Polymeric Fluid-Handling Component Requirements – Revisions, Corrections, and Proposed New Conditioning,
- ao) Motor Overload Protection – Overcurrent Protection,



# Standards Update Notice (SUN)

Issued: May 24, 2016

## Description of New/Revised Technical Requirements

- ap) Switches Used with Central Vacuums,
- aq) Revisions to Clause 7 Rechargeable Battery-Powered Portable Appliance Requirements,
- ar) Ampere Ratings for an Attachment Plug,
- as) Clarification of the Location for the Cord Flex Test,
- at) Clarification of Height and Distance Requirements for Use with Volatile Flammable Liquids,
- au) Clarification of Marking Requirements,
- av) Clarification of Location for Measuring Cord Length,
- aw) Addition of Wording Regarding Connections Using Pigtail Cords on Wet Surfaces,
- ax) Addition of Wording Allowing Very Large Utility Vacuum Cleaners to be Rated at Full Supply Ampacity.