

STANDARD INFORMATION

This SUN establishes the Continuing Certification approach to Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines

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

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

Standard Edition and Issue Date: 6th edition Dated September 15, 2017

Date of Revision: September 15, 2017

Date of Previous Revision of Standard: 9th Edition Dated April 13, 2015

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **No action is required for currently certified products to maintain certification.**

This SUN is being presented to assist users of the standard to appreciate the significance of the changes made to the standard that will apply should the product described be modified after September 17, 2018

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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

- Addition of requirements for current-carrying hoses
- Installation instructions for commercial public-use automotive vacuum cleaners
- Additional requirements for vacuum cleaners intended for installation in recreational vehicles or marine vessels
- Additional requirements for general normal load requirements

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

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).



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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
1.2		Scope Expansion – The Scope of the standard was expanded to cover grounded current carrying hoses and vacuum cleaners intended for installation in recreational vehicles or marine vessels. The requirements for these products were included in separate proposals (b) and (c)
2.5, 4.3.2.1, 4.3.2.2, 4.4.5, 4.4.6, 4.5.5.1.9, 5.19.6, 5.19.7, 5.19.8, 11.4.33-11.4.35, 12.5.20, 12.5.21		Vacuum Cleaners Intended for Installation in Recreational Vehicles or Marine Vessels –This revision introduces requirements for evaluation of vacuum cleaners intended for installation in recreational vehicles or on marine vessels. These requirements are based on requirements for other appliance intended for this type of installation.
5.2.4.2, 5.2.4.3, 5.10.7		Stand-Alone Current-Carrying Hoses and Motorized Nozzles – These revisions will allow current-carrying hoses and motorized nozzle to be evaluated without specifying the vacuum cleaner(s) they are intended for use with. This is particularly beneficial for central vacuum cleaning systems, where the hose or nozzle may need replacement before the vacuum cleaner.
5.2.1.1		General Normal Load Requirements – General wording was added for determination of the normal load for products with features that were not anticipated by the standard.
5.9.1.1		Extreme Voltage Test – The normal load is to be established at nominal rated voltage and then the voltage is adjusted to the extreme operating voltage.
6.17.4.3		Overload Test for Double Insulation – This revision clarifies that the appliance is subjected to the dielectric voltage withstand test after completion of the running overload test, not the motor.
8.2.1, 8.2.2, 8.2.9, 8.4.5, 8.17		Grounded Current-Carrying Hoses – Requirements for grounded current-carrying hoses were added to UL 1017.
11.4.2		French Language Markings – The Advisory Note in Clause 11 was replaced with normative wording in 11.4.2, indicating that required cautionary markings must be in both English and French.
12.3.1(g)		Public-Use Vacuum Cleaners – Installation Instructions for commercial public-use automotive vacuum cleaners, such as those installed near car wash facilities, are now required to specify installation on a GFCI protected circuit as required by NFPA 70, Article 422.23.



Table 9

Component Temperature Limits – Temperature limits were added to Table 9 for various components. This documents current practice in verifying that components are used within their established ratings.

CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.
