

Standard Information

Standard Number: UL 541

Standard Name: Refrigerated Vending Machines

Standard Edition and Issue Date: 9th Edition Dated April 21, 2016

Date of Previous Revision to Standard: 8th Edition Revised December 23, 2014

Effective Date of New/Revised Requirements

Effective Date (see Schedule below): **June 30, 2017**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: UL 541 9th Ed. was issued to primarily include new requirements to address Vending Machines with remote operation or monitoring functionality. 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).

Schedule: So that shipping of products with Listing Marks will not be interrupted, an **approximate** schedule has been established to ensure Listing Reports are found compliant by Effective Date:

- October 31, 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
- December 30, 2016 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- **June 30, 2017** = 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 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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: September 1, 2016

Description of New/Revised Technical Requirements

Clause	Verdict	Comment
16	Info	Grounding and Bonding for Grounding
16.1.12		<i>New clause added;</i> Functional grounding shall not be relied upon for equipment grounding or bonding.
30	Info	Switches and Controllers
30.3		<i>New section added;</i> Remotely operated venders Addition Of Requirements To Address Vending Machines With Remote Operation Or Monitoring Functionality
106	Info	Installation Instructions
106.6		<i>New clause added;</i> In reference to 30.3.4, the instructions for a vender intended to be remotely operated and in which the vender attachment plug and receptacle serve as the manual means for disconnecting remote operation commands, external communication or data signals shall specify that unplugging the vender disconnects the remote functions.
		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.