

STANDARD INFORMATION

Standard: UL 541

Standard ID: Refrigerated Vending Machines [UL 541:2016 Ed.9+R:19Nov2020]

Previous Standard ID: Refrigerated Vending Machines [UL 541:2016 Ed.9+R:02Oct2018]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 19, 2022**

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.

Overview of Changes: Revises installation instructions for vending machines having flammable refrigerant. Specific details of new/revise requirements are found in table below.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
Supplement SA	Info	REQUIREMENTS FOR REFRIGERATED VENDERS EMPLOYING A FLAMMABLE REFRIGERANT IN THE REFRIGERATING SYSTEM
SA6	Info	Marking, Installation and Operating Instructions
SA6.2	Info	Installation and operating instructions
		The installation and operating instructions shall indicate:
SA6.2.3		a) That component parts shall be replaced with like components; b) That servicing shall be done by factory authorized service personnel, so as to minimize the risk of possible ignition due to incorrect parts or improper service; c) That a vending machine having a flammable refrigerant shall not be intended for use in lobbies or locations of egress, such as a hallway or public corridor, <u>if the vending machine flammable refrigerant charge amount exceeds three times the refrigerant lower flammable limit (3 x LFL) as expressed in kilograms per cubic meter (kg/m³); and,</u> d) <u>The refrigerant lower flammable limit for the kind of refrigerant specified on the vending machine nameplate.</u>