

STANDARD INFORMATION

Standard: ANSI/CAN/UL 325

Standard ID: Door, Drapery, Gate, Louver, and Window Operators and Systems [ANSI/CAN/UL 325:2017 Ed.7+R:15Sep2025]

Previous Standard ID: Door, Drapery, Gate, Louver, and Window Operators and Systems [ANSI/CAN/UL 325:2017 Ed.7+R:21Feb2023]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **September 15, 2027**

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. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- Pedestrian Gates and Gate Operators
- Variable Speed Drives with Primary Rechargeable Battery Back-Up
- Additional Features Requirements for Gate Operators
- Gate Warning Sign Placard Locations
- Marking Requirement for Gate Operators
- Addition of Battery-Powered Appliances

Specific details of new/ revised 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
13	Info	Power-Supply Connections
13.5	Info	Residential and commercial pedestrian door <u>or gate</u> operators
13.5.1		A residential or commercial pedestrian door <u>or gate</u> operator intended for indoor wall mounting only may be provided with flexible cord for connection to a supply circuit provided that the door <u>or gate</u> operator: a) Complies with the requirements in 13.5.2 – 13.5.5, and b) Is provided with instructions in accordance with 60.2.4 and 60.2.5.
30A		<i>New section added;</i> Pedestrian Gates and Gate Operators
30A.1		General
30A.1.1		Unless otherwise specified, the requirements for Pedestrian Doors and Door Operators in Section 30 apply equally to Pedestrian Gates and Gate Operators.
31	Info	Commercial/Industrial Door Operators and Systems
		<i>New section added;</i>
31.3		Door operators and door systems incorporating variable speed drives and rechargeable battery back-up systems
31.3.1		Regarding the risk of fire and risk of shock, door operators or systems incorporating variable speed drives for controlling motors may comply with UL 61800-5-1.
31.3.2		Door operators or systems incorporating variable speed drives with rechargeable battery back-up systems may comply with UL 61800-5-1 as an alternative to the requirements in this Standard.
31.3.3		Entrapment protection control functionality of a door operator or system incorporating a variable speed drive shall comply with the requirements of this Standard.



CLAUSE	VERDICT	COMMENT
32	Info	Class I, II, III, and IV Vehicular Gate Operators and Systems
32.2	Info	Entrapment protection (Types A, B2, and C)
32.2.1	Info	General
		<i>New clause added;</i>
32.2.1.5		A gate operator employing a battery back-up system when using Type A entrapment protection shall operate as specified in 32.2.1.1, 32.2.2, 32.2.3, 32.2.4, and 32.2.5 as applicable; or is rendered inoperative (any case in which the operator will not complete a full cycle, open and close, of travel) when tested in accordance with 32.2.1.6 and the applicable requirements of Supplement SC.
		<i>New clause added;</i>
32.2.1.6		Compliance with 32.2.1.5 shall be verified with battery charge at the following level: a) Fully charged, and b) Discharged per the manufacturer's recommendations to the operator's lowest operational voltage.
		<i>New section added;</i>
32.3		Additional features
32.3.1		A Class I or Class II horizontal slide-gate or vertical lift-gate operator (or system) shall not result in a gate movement of greater than 0.3 m/s (1 ft/s) with the operator exerting a pull force of 333.6 N (75 lbf) and when connected to a supply circuit of maximum rated voltage and rated frequency.
32.3.2		A Class I or Class II horizontal bifold-gate operator (or system) shall not result in a gate speed greater than 0.3 m/s (1 ft/s) during the last 406 mm (16 inches) of panel travel while closing with the operator exerting a pull force of 333.6 N (75 lbf) when connected to a supply circuit of maximum rated voltage and rated frequency. The speed is measured in the closing direction at the vertical leading edge of the inner bifold panel (item 5 of Figure 4.3) over any 305 mm (1 foot) increment of horizontal travel where the gate speed is fastest.
32.3.3		A vehicular gate operator shall have a means for manual operation so that the gate is capable of being moved independently of the gate operator. For a Class I, II, or III vehicular gate operator, the means for manual operation shall be supplied as an integral part of the gate operator and the gate operator shall be marked with instructions on how to manually operate the gate. For a Class IV vehicular gate operator, the use of a nearby keyed release or a remotely located non-keyed release to release the gate operator from the gate meets the intent of this requirement. A risk of injury to persons shall not result when the means for manual operation is activated and the gate operator is then energized.



CLAUSE	VERDICT	COMMENT
33	Info	Residential Garage Door Operator and Door Operator Systems
33.2	Info	Inherent primary entrapment protection
33.2.2	Info	Inherent primary entrapment protection, vertically moving doors
		<i>New clause added;</i>
33.2.2.11		An operator employing a battery back-up system shall operate as specified in 33.2.2.1, 33.2.2.2, and 33.2.2.3 as applicable; or is rendered inoperative (any case in which the operator will not complete a full cycle, open and close, of travel) when tested in accordance with 33.2.2.12 and the applicable requirements of Supplement SC.
		<i>New clause added;</i>
33.2.2.12		Compliance with 33.2.2.11 shall be verified with battery charge at the following level: a) Fully charged, and b) Discharged per the manufacturer's recommendations to the operator's lowest operational voltage.
33.2.3	Info	Inherent primary entrapment protection, horizontally sliding doors
33.2.3.11		An operator employing a battery back-up system shall operate as specified in 33.2.3.1, 33.2.2.2, and 33.2.3.3 as applicable; or is rendered inoperative (any case in which the operator will not complete a full cycle, open and close, of travel) when tested in accordance with 33.2.3.12 and the applicable requirements of Supplement SC.
		<i>New clause added;</i>
33.2.3.12		Compliance with 33.2.3.11 shall be verified with battery charge at the following level: a) Fully charged, and b) Discharged per the manufacturer's recommendations to the operator's lowest operational voltage.
	Info	INSTRUCTION MANUAL
60	Info	Details
60.8	Info	Vehicular gate operators (or systems)
60.8.4		Instructions regarding intended installation of the gate operator shall be supplied as part of the installation instructions or as a separate document. The following instructions or the equivalent shall be supplied where applicable: h) A minimum of two (2) WARNING SIGNS (<u>placards</u>) shall be installed, in the area of the gate <u>in such a manner that at least one WARNING SIGN is visible by persons located on each side of the gate, for both the secure and unsecure sides of the gate.</u> Each placard is to be visible by persons located on the side of the gate on which the placard is installed. Also see 62.1.1.



CLAUSE	VERDICT	COMMENT
62	Info	Field Installed Placards
62.1	Info	Vehicular gate operators (systems)
62.1.1		A gate operator shall be supplied with a minimum of two <u>warning sign</u> placards as described in 62.1.2 – 62.1.5 for field installation. The instruction manual shall specify that the <u>warning sign</u> placards are to be installed in the area of the gate <u>in such a manner that at least one warning sign placard is visible by persons located on each side of the gate, for both the secure and unsecure sides of the gate.</u> Each placard is to be visible by persons located on the side of the gate on which the placard is installed. The <u>warning sign</u> placards shall be made of substantially rigid material, such as vulcanized fiber, thermoplastic, or the equivalent, to provide mechanical strength and durability. See Permanence of Marking Tests, Section 56, for applicable requirements for <u>warning sign</u> placards for outdoor use.
	Info	MARKING
63	Info	Details
63.1	Info	General
63.1.17		If the design of an appliance contemplates cleaning or servicing – such as the replacement of pilot lamps or fuses – by the user, and if such cleaning or servicing would involve the exposure of a normally enclosed or protected live part to unintentional contact, the appliance shall be plainly marked to indicate that such servicing or cleaning be done with the appliance disconnected from the supply circuit. <u>The marking shall clearly indicate when there are multiple or back-up supply sources.</u>
63.4	Info	Gate operators (or systems)
		<i>New clause added;</i>
63.4.2A		A Class I, II, or III vehicular gate operator shall be permanently marked with instructions on how to manually operate the gate.
		<i>New supplement added;</i>
		BATTERY-POWERED APPLIANCES
Supplement SC		This Supplement covers battery-operated appliances that are powered by other than user installable nonrechargeable alkaline cells such as AA, C, and D batteries either solely or as an alternative or in conjunction with other sources. See standard for details.