

STANDARD INFORMATION

Standard Number: UL 252A

Standard Name: Compressed Gas Regulator Accessories

Standard Edition and Issue Date: 4th Edition dated September 16, 2010

Date of Revision: July 12, 2019

Date of Previous Revision of Standard: January 16, 2015

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **February 28, 2022**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes: New requirements for outlet connections and batteries. Specific details of new/revise requirements are found in table below.

- New requirements for outlet connections and batteries
- New drop, mold stress, and impact tests

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
7A		<i>New section added;</i> Batteries
7A.1		When used with fuel gases and oxygen only nonrechargeable batteries shall be provided and they shall comply with one of the following standards: a) Standard for Lithium Batteries, UL 1642 or b) Standard for Household and Commercial Batteries, UL 2054.
	Info	PERFORMANCE
8	Info	General
		Required tests
Table 8.1		Table 8.1 has been modified to include Flow indicators with batteries. See standard for details.
		<i>New clause added;</i>
8.4		Each product that has electrical components shall be provided with an enclosure that houses all of them. This enclosure may be provided with openings measuring 5 mm (0.19 in) maximum in any dimension. An enclosure and a part of an enclosure such as a door, cover, or similar parts shall be provided with means for firmly securing it in place. Exception: If the electrical circuitry within the device is considered intrinsically safe without reliance upon infallible creepage or clearance separations and the circuit does not contain protective components, then the enclosure does not need to comply with the enclosure tests in this standard unless required for the battery.
		<i>New clause added;</i>
8.5		When used in a hazardous (classified) location the product shall be evaluated to the applicable requirements for the intended end use area classification. Marking of the product must include those associated to the type of explosion protection used in the design.



CLAUSE	VERDICT	COMMENT
		<i>New section added;</i>
19A		Drop Test When used with fuel gases and oxygen an electrical enclosure shall be subjected to this Test. See standard for details.
		<i>New section added;</i>
19B		Mold Stress Test When used with fuel gases and oxygen a nonmetallic electrical enclosure shall be subjected to this Test. See standard for details.
		<i>New clause added;</i>
19C		Impact Test When used with fuel gases and oxygen an electrical enclosure shall be subjected to this Test. See standard for details.
	Info	MARKING
21	Info	General
		<i>New clause added;</i>
21.3		Battery operated accessories not evaluated for use with fuel gases and oxygen shall be marked "Not for used with fuel gas and oxygen regulators."