STANDARDS UPDATE NOTICE (SUN)
ISSUED: March 2, 2026

STANDARD INFORMATION

Amendment 1: See updated Effective Date in blue below

This SUN replaces previous UL 1484 SUNs for revisions dated February 23, 2022, and October 7, 2022.

Standard: UL 1484
Standard ID:
Residential Gas Detectors [UL 1484:2016 Ed.5+R:07Oct2022]
Previous Standard ID:
Residential Gas Detectors [UL 1484:2016 Ed.5+R:23Feb2022]
Residential Gas Detectors [UL 1484:2016 Ed.5+R:04Aug2017]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: ~~**June 30, 2026**~~ **January 1, 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 Reports not updated to this version by the effective date above will be withdrawn.

All products must be certified to the October 7, 2022 revision prior to the effective date.

Overview of Changes:

February 23: 2022:

- Updates to combustible gas detection threshold requirements. Specific details of new/revised requirements are found in table below.

October 7, 2022:

- New One Year Sensor Stability Test for Gas Sensors

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.
		The following changes reflect the February 23, 2022 revsision:
49	Info	**Detection Threshold Tests**
49.1	Info	**General**
49.1.1		A gas detector shall be subjected to the tests in 49.2.1 – 49.17.6. The gas detector shall not false alarm except as specified in 49.2.2 – 49.17.6, and the detection threshold shall not exceed ~~25~~ 10 percent of the lower explosive limit of the gas.
49.1.10		The detection threshold of a detector intended to detect flammable gases such as natural gas or propane is to be determined as follows: a) The upper detection threshold determined by the formula: $$U = \frac{K + I}{2}$$ in which: U is the value of detection threshold after the detector has been subjected to the conditioning tests specified in 49.2.1 – 49.17.6. K is ~~25~~ 10 percent of the lower explosive limit of the gas that the detector is intended to detect. I is the initial detection threshold of the detector before the tests specified in 49.2.1 – 49.17.6. The formula by which U is determined allows a change in detection threshold equal to 50 percent of the difference between ~~25~~ 10 percent of the lower explosive limit of the gas and the initial threshold. b) In determining the initial detection threshold, I, the detector is to be exposed to air mixtures of the gas the detector is intended to detect. The detector shall alarm at ~~25~~ 10 percent or less of the lower explosive limit of the gas.

CLAUSE	VERDICT	COMMENT
		The following changes reflect the October 7, 2022 revision:
49.18		***New section added;*** **One year (minimum) sensor stability test for gas sensors** 49.18.1 **General** 49.18.2 **Test Gas** 49.18.3 **Sensor data collection** 49.18.4 **Gas sensor sensitivity test** See standard for details.