


Announcing: Publication of UL 48, 15th Edition, including revisions through December 18, 2023

	Standard Number	Standard Title	Class Numbers	Bulletin Title	Supersedes/Supplements
	UL 48	Electric Signs	3461 81, 3461 82, 3462 81, 3462 82	Lighting Products No. 152	Lighting Products No. 121

DETAILS

Standard:

UL 48

Electric Signs

Programs:

CSA Certification for the US

Who is affected:

Manufacturers of electric signs and outline lighting provided with light-emitting diodes (LED), fluorescent lamps, and neon tubing.

Standard Publication Date:

Dec 18, 2023

The standard edition or amendments announced in this Information Bulletin may be used for CSA certification as of the issue date of this document.

View my Listings:

<https://www.csagroup.org/testing-certification/product-listing/>

Enter your Master Contract # and the class numbers associated with this Bulletin to determine which of your products are affected.

NEXT STEPS:

Already Certified:

This publication outlines certification revisions that do not affect your currently certified product designs.

If you have any questions or are looking for Certification:

Please contact your CSA Customer Care Manager, Rodger Redd, at Rodger.Redd@csagroup.org.

TECHNICAL SUMMARY:**Overview of changes:**

This revision of UL 48 includes:

- Clarifications for mobile signs and trailer-mounted signs, and addition of a locking mechanism requirement for mobile signs;
- Addition of scope exclusion for signs used for mass notification and are applicable to UL 1638;
- Simplification of Class 2 circuit requirements;
- Revision of requirements for photovoltaic powered signs to comply with ANSI/CAN/UL 8801;
- Clarification and simplification of the requirements for Section Signs;
- Clarification for signs shipped without a sign face;
- Clarification of the mounting test for permanently connected, portable, and stationary signs;
- Addition of requirements for exterior decorative material;
- Clarification to accessibility of live parts;
- Relaxation for bonding conductor size and revision to the bond impedance test to add direct measurement of circuit resistance;
- Clarification for strain relief requirements for cord-connected and section signs;
- Clarification for the spacing of Class 2 devices in wet location signs and wet location terminology;
- Clarification for marking disconnect switches and instructions for signs with integral disconnect switches;
- Clarification for mounting ballasts, transformers, and LED drivers on supporting surfaces;
- Clarification for the accessibility of ballasts, transformers, and power supplies of signs other than neon signs;
- Addition of voltage ratings for instant-start lampholders based on open-circuit voltage;
- Removal of requirements for rebuilt signs;
- Clarification to address test conditions of the temperature test and addition of abnormal test conditions for overtemperature devices and ventilation fans;
- Revision to the dielectric voltage withstand test to include surge protection devices, circuits not exceeding Class 2 voltage limits, and an alternative DC test potential;
- Addition of requirements for instructions provided on a publicly accessible website and clarification for permanent markings; and
- Additional instruction for the use of class 2 power sources that is not provided with a sign.

Effect on Approvals:

This latest revision is available for use in product certifications from this date forward.

Details of Affected Class Numbers can be found in Table 1.

TABLE 1 – AFFECTED CLASS NUMBERS

Class Number	Title
3461 81	SIGNS - Stationary Signs - Certified to US Standards
3461 82	SIGNS LED - Stationary Signs - Certified to US Standards
3462 81	SIGNS - Portable Displays or Signs - Certified to US Standards
3462 82	SIGNS LED - Portable Displays or Signs - Certified to US Standards