



UL 121201

STANDARD FOR SAFETY

Nonincendive Electrical Equipment for
Use in Class I and II, Division 2 and
Class III, Divisions 1 and 2 Hazardous
(Classified) Locations

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UL Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations, UL 121201

Ninth Edition, Dated September 15, 2017

Summary of Topics

This revision to ANSI/UL 121201 dated April 1, 2021 is being issued to include the following changes in requirements:

- ***Revisions to opening of sealed devices; [3.11](#), [3.34](#), [13.1.8](#)***
- ***Revisions to Consideration of Normal operating conditions; [3.30](#), [4.1.1](#)***
- ***Revisions to the application of general industrial / ordinary locations requirements; [4.2.1](#), [4.4.1](#), [4.4.2](#), [5.6.0](#), Annex B***
- ***Revisions to Li ion batteries used in Division 2 portable equipment; [5.2.2](#), Annex A***
- ***Revisions to the sealed device requirements; [13.1.5](#)***
- ***Revisions to the Drop test for portable equipment; [16.2.1](#)***
- ***Revisions to correct reference in Clauses [5.1.2](#) and [5.3.1](#).***

As noted in the Commitment for Amendments statement located on the back side of the title page, UL and CSA are committed to updating this harmonized standard jointly. CSA and UL will issue revisions to this standard bearing their date of issue.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated June 12, 2020 and November 6, 2020.

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CSA C22.2 No. 213-17
Third Edition



Underwriters Laboratories Inc.
UL 121201
Ninth Edition

Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

September 15, 2017

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ANSI/UL 121201-2021

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This ANSI/UL Standard for Safety consists of the Ninth Edition including revisions through April 1, 2021. The most recent designation of ANSI/UL 121201 as an American National Standard (ANSI) occurred on April 1, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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Annex C – Suggested Warnings with French Equivalent (informative)

PREFACE

This is the harmonized CSA Group and UL standard for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations. It is the Third edition of CSA-C22.2 No. 213 and the Ninth edition of UL 121201. This edition of CSA-C22.2 No. 213 supersedes the previous edition published in 2016. This edition of UL 121201 supersedes the previous ISA-12.12.01-2015 edition published on August 21, 2015. This harmonized standard has been jointly revised on April 1, 2021. For this purpose, CSA Group and UL are issuing revision pages dated April 1, 2021.

This harmonized standard was prepared by the CSA Group and Underwriters Laboratories Inc. (UL).

Efforts have been made to synchronize the UL edition number with that of the previous corresponding ISA standard with which this standard is now harmonized with CSA. As a result, one or more UL edition numbers have been skipped to align per the previous ISA edition number.

The ISA-12.12.01-2015 standard is being maintained until September 15, 2022 for reference purposes only.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

This standard was reviewed by the CSA Integrated Committee on Hazardous Location Products, under the jurisdiction of the CSA Technical Committee on Industrial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

Level of Harmonization

This standard uses the IEC format but is not based on, nor is it considered equivalent to, an IEC standard.

This standard is published as an identical standard for CSA Group and UL.

An identical standard is a standard that is exactly the same in technical content except for national differences resulting from conflicts in codes and governmental regulations. Presentation is word for word except for editorial changes.

Reasons for Differences From IEC

There is no corresponding IEC standard.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules

of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

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