UL 60079-6

Underwriters Laboratories Inc.

Standard for Safety

Explosive atmospheres – Part 6: Equipment protection by oil immersion ″o″

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Underwriters Laboratories Inc. (UL)
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UL Standard for Safety for Explosive atmospheres – Part 6: Equipment protection by oil immersion ″o″, UL 60079-6

Third Edition, Dated July 24, 2009

Summary of Topics

The Third Edition of ANSI/UL 60079-6, the Standard for Safety for Explosive Atmospheres – Part 6: Equipment Protection by Oil Immersion ″o″, UL 60079-6 adopts the Third Edition of IEC 60079-6.

The new requirements are substantially in accordance with UL's Proposal(s) on this subject dated July 18, 2008 and December 19, 2008.

As indicated on the title page (page 1), this UL Standard for Safety is an American National Standard. Attention is directed to the note on the title page of this Standard outlining the procedures to be followed to retain the approved text of this ANSI/UL Standard.

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Underwriters Laboratories Inc.
ANSI/UL 60079-6
Third Edition

Explosive atmospheres – Part 6: Equipment protection by oil immersion ″o″

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This Standard is issued jointly by the International Society of Automation (ISA) and Underwriters Laboratories Incorporated (UL). Amendments to this Standard will be made only after processing according to the Standards writing procedures by ISA and UL. ***ISA and UL will issue revisions to this standard by means of a new edition or revised or additional pages bearing their date of issue.***

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This ANSI/UL Standard for Safety consists of the Third edition.

The most recent designation of ANSI/UL 60079-6 as an American National Standard (ANSI) occurred on July 24, 2009. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

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General Notes

This is the common ISA and UL Standard for Explosive Atmospheres – Part 6: Equipment protection by oil immersion ″o″. It is the Third edition of ISA 60079-6 (superseding ISA 60079-6 (12.26.01)-1998) and the Third edition of UL 60079-6. This document is a modification of the IEC document and includes U.S. deviations encompassing both additions and deletions of information.

ISA 60079-6 and UL 60079-6 contain identical requirements, and identical publication dates. The presentation and format of the standards material may differ between the two published standards.

This common Standard was prepared by the International Society of Automation (ISA) and Underwriters Laboratories Inc. (UL).

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 adopts the IEC text with deviations.

The requirements are presented in different formats. The ISA version of the standard illustrates the national differences from the IEC text through the use of legislative text (strike-out and underline). The UL version of the standard illustrates national differences immediately following the IEC text. National differences between the UL version and the ISA version shall be word for word except for editorial changes.

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The interpretation by the SDO of an identical or equivalent standard shall be based on the literal text to determine compliance with the standard in accordance with the procedural rules of the SDO. If more than one interpretation of the literal text has been identified, a revision shall be proposed as soon as possible to each of the SDOs to more accurately reflect the intent.

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This ISA standard is based on IEC Publication 60079-6. It is the intention of the ISA12 Committee to develop an ANSI standard that is harmonized with IEC 60079-6 to the fullest extent possible.

This preface as well as all annexes, is included for informational purposes and is not part of ANSI/ISA 60079-6.

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