

**AMERICAN NATIONAL STANDARD**  
**ANSI/ISA-60079-6 (12.00.05)-2009 (R2013)**  
**Supercedes ANSI/ISA-60079-6 (12.26.01)-1998**

**Explosive Atmospheres – Part 6:  
Equipment Protection by  
Oil Immersion “o”**

**Approved 22 November 2013**

### **Commitment for Amendments**

This standard is issued jointly by ISA and Underwriters Laboratories Incorporated (UL). Comments or proposals for revisions on any part of the standard may be submitted to ISA or UL at any time. Revisions to this standard will be made only after processing according to the standards development procedures of 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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Revisions of this standard will be made by issuing revised or additional pages bearing their date of issue. A UL standard is current only if it incorporates the most recently adopted revisions, all of which are itemized on the transmittal notice that accompanies the latest set of revised requirements.

The most recent designation of ANSI/ISA-60079-6 and ANSI/UL 60079-6 as an American National Standard occurred on 22 November 2013.

This ANSI/UL Standard for Safety, which consists of the third edition, is under continuous maintenance, whereby each revision is ANSI approved upon publication. 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 <http://csds.ul.com>.

**The International Society of Automation**  
**ANSI/ISA-60079-6**  
*Third Edition*

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



**Explosive atmospheres – Part 6: Equipment Protection by Oil-Immersion “o”**

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## General Notes

This is the common ISA and UL Standard for Explosive atmospheres - Part 6: Oil immersion "o". It is the third edition of ANSI/ISA-60079-6 and the third edition of ANSI/UL 60079-6.

ANSI/ISA-60079-6 and ANSI/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).

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.

### Interpretations

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.

### UL Effective Date

As of 24 July 2009 all products Listed or Recognized by UL must comply with the requirements in this Standard.