



UL 80079-37

STANDARD FOR SAFETY

Explosive Atmospheres – Part 37: Non-Electrical Equipment for Explosive Atmospheres – Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”

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UL Standard for Safety for Explosive Atmospheres – Part 37: Non-Electrical Equipment for Explosive Atmospheres – Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”, UL 80079-37

First Edition, Dated June 2, 2021

Summary of Topics

This editorial revision of ANSI/UL 80079-37 dated June 23, 2021 corrects Clause [5.4DV](#) to replace “IEC 60079-20-1” with “UL 80079-20-1”; Clause [5.8.2.6DV](#) to replace “belk” with “belt”; and Clause [10.1DV.1](#) to replace “IEC” with “ISO” reference.

UL 80079-37 is an adoption of ISO/IEC 80079-37, First Edition, issued by ISO/IEC February 2016. Please note that the National Difference document incorporates all of the U.S. national differences for UL 80079-37.

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.

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ANSI/UL 80079-37-2021

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UL 80079-37

**Standard for Explosive Atmospheres – Part 37: Non-Electrical Equipment
for Explosive Atmospheres – Non Electrical Type of Protection
Constructional Safety “c”, Control of Ignition Source “b”, Liquid
Immersion “k”**

First Edition

June 2, 2021

This ANSI/UL Standard for Safety consists of the First Edition including revisions through June 23, 2021.

The most recent designation of ANSI/UL 80079-37 as an American National Standard (ANSI) occurred on June 2, 2021. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

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Preface (UL)

This UL Standard is based on ISO/IEC Publication 80079-37: First edition, Explosive Atmospheres – Part 37: Non-Electrical Equipment for Explosive Atmospheres – Non Electrical Type of Protection Constructional Safety “c”, Control of Ignition Source “b”, Liquid Immersion “k”. ISO/IEC publication 80079-37 is copyrighted by the IEC.

This edition has been issued to satisfy UL Standards policy.

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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.

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