UL 920004

STANDARD FOR SAFETY

Performance Requirements for Open Path Toxic Gas Detectors

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UL Standard for Safety for Performance Requirements for Open Path Toxic Gas Detectors, UL 920004

First Edition, Dated August 15, 2014

Summary of Topics

Adoption of ANSI/ISA-92.00.04-2014, Standard for Performance Requirements for Open Path Toxic Gas Detectors as ANSI/UL 920004. This Standard is being issued to update the title page to reflect the reaffirmation of its ANSI approval. No changes in requirements have been made.

As noted in the Commitment of Amendments statement located on the back side of the title page, UL and ISA are committed to updating this co-designated standard jointly after processing according to the standards development procedures by UL

Please note that as this is a simple reaffirmation of an existing ISA standard.

These requirements are substantially in accordance with Proposal(s) on this subject dated August 11, 2017.

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ISA - International Society of Automation
ANSI/ISA-92.00.04-2014 (R2017)
First Edition

Underwriters Laboratories Inc.
ANSI/UL 920004
First Edition

Performance Requirements for Open Path Toxic Gas Detectors

August 15, 2014

(Title Page Reprinted: October 13, 2017)

ANSI/ISA/UL 920004-2014 (R2017)

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 UL at any time.

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The most recent designation of ANSI/ISA-92.00.04 as a Reaffirmed American National Standard (ANSI) occurred on October 13, 2017.

This ANSI/UL Standard for Safety consists of the First Edition including revisions through October 13, 2017.

The most recent designation of ANSI/UL 920004 as a Reaffirmed American National Standard (ANS) occurred on October 13, 2017. 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 http://csds.ul.com.

To purchase UL Standards, visit http://www.shopulstandards.com/HowToOrder.aspx or call toll-free 1-888-853-3503

General Notes

This is the common ISA and UL, Standard for the Performance Requirements for Open Path Toxic Gas Detectors. It is the first edition of ANSI/ISA-92.00.04 and the first edition of ANSI/UL 920004. The document is a modification of the ISA document to create the equivalent UL version and maintain the ANSI approval of this standard.

ANSI/ISA-92.00.04 and ANSI/UL 920004 contain identical requirements, and identical publication dates.

This common standard was prepared by the (ISA) - The International Society of Automation on August 15, 2014 but is now being maintained by 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.

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Preface (ISA)

This preface, as well as all footnotes and annexes, is included for information purposes and is not part of ANSI/ISA-92.00.04-2014 (R2017).

This document has been prepared as part of the service of ISA toward a goal of uniformity in the field of instrumentation. To be of real value, this document should not be static but should be subject to periodic review.

The ISA Standards and Practices Department is aware of the growing need for attention to the metric system of units in general, and the International System of Units (SI) in particular, in the preparation of instrumentation standards. The Department is further aware of the benefits to USA users of ISA standards of incorporating suitable references to the SI (and the metric system) in their business and professional dealings with other countries. Toward this end, this Department will endeavour to introduce SI-acceptable metric units in all new and revised standards, recommended practices, and technical reports to the greatest extent possible. *Standard for Use of the International System of Units (SI): The Modern Metric System*, published by the American Society for Testing & Materials as IEEE/ASTM SI 10-97, and future revisions, will be the reference guide for definitions, symbols, abbreviations, and conversion factors.

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