



# UL 60079-47

## STANDARD FOR SAFETY

Explosive Atmospheres – Part 47:  
Equipment Protection by 2-Wire  
Intrinsically Safe Ethernet Concept (2-  
WISE)

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UL Standard for Safety for Explosive Atmospheres – Part 47: Equipment Protection by 2-Wire Intrinsically Safe Ethernet Concept (2-WISE), UL 60079-47

First Edition, Dated March 15, 2022

### **Summary of Topics**

**First Edition of the UL IEC-Based Standard for Explosive atmospheres – Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE), UL 60079-47.**

**UL 60079-47 is an adoption of IEC TS 60079-47, Explosive Atmospheres – Part 47: Equipment Protection by 2-Wire Intrinsically Safe Ethernet Concept (2-WISE), (first edition, issued by IEC February 2021). Please note that the National Difference document incorporates all of the U.S. national differences for UL 60079-47.**

The requirements are substantially in accordance with Proposal(s) on this subject dated September 24, 2021 and January 28, 2022.

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**Standard for Explosive Atmospheres – Part 47: Equipment Protection by 2-Wire Intrinsically Safe Ethernet Concept (2-WISE)**

**First Edition**

**March 15, 2022**

This ANSI/UL Standard for Safety consists of the First Edition.

The most recent designation of ANSI/UL 60079-47 as an American National Standard (ANSI) occurred on March 15, 2022. 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.

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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