

## STANDARD INFORMATION

**This SUN establishes the Continuing Certification approach to Explosive Atmospheres Part 0: Equipment - General Requirements**

**Standard Number:** UL 60079-0

**Standard Name:** Explosive Atmospheres Part 0: Equipment - General Requirements

**Standard Edition and Issue Date:** 6th Edition Dated July 26, 2013

**Date of Revision:** July 26, 2013

**Date of Previous Revision of Standard:** 5th Edition Revised December 8, 2009

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **No action is required for currently certified products to maintain certification.**

**This SUN is being presented to assist users of the standard to appreciate the significance of the changes made to the standard that will apply should the product described be modified after December 31, 2019.**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Specific details of new/revised requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



## STANDARD INFORMATION

### COMMENT

*This table describes the changes in the 6th edition of UL 60079-0 should the product be updated.*

Expansion of material specification data for plastics and elastomers, including UV resistance
Addition of breakdown voltage limit for non-metallic layers applied to metallic enclosures
Expansion of “X” marking options for non-metallic enclosure materials not meeting basic electrostatic requirements
Addition of limits on zirconium content for Group III and Group II (Gb only) enclosures
Introduction of “X” marking for Group III enclosures not complying with basic material requirements, similar to that existing for Group II
Reference for protective earthing (PE) requirements for electrical machines to IEC 60034-1
Addition of requirements for ventilating fans
Addition of test requirements for arc-quenching test on plugs and sockets
Update of cell and battery information to reflect latest standards
Revision to impact test of glass parts
Revision to impact test procedure to address “bounce” of impact head
Addition of temperature rise tests for converter-fed motors
Addition of a “Schedule of Limitations” to certificates for Ex Components
Addition of marking for converter-fed motors
Addition of specific instructions for electrical machines
Addition of specific instructions for ventilating fans