

## STANDARD INFORMATION

**THIS SUN REPLACES ALL PREVIOUS UL 913 Standard Update Notices (SUNs).**

**Standard Name:** Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations.

**Standard Number:** UL 913

**Standard Edition and Issue Date:** 8<sup>th</sup> Edition, dated December 6, 2013

**Date of Previous Revisions to Standard:** September 23, 2011

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **September 3, 2019**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Effective immediately, UL 913: 5<sup>th</sup> Edition or UL 913: 8<sup>th</sup> Edition will be used for the evaluation of new products or UL 913: 6<sup>th</sup> Edition when also covered by NFPA 1981/1982/1983 standard.

**Overview:** UL 913: Edition 8 requires evaluation and testing to UL 60079-0:2013 and UL 60079-11:2013 which include a much higher level of complexity and conformance requirements versus UL 913: 5<sup>th</sup> Edition including, but not limited to:

1. New Electrostatic Hazard Requirements for Non-Metallic Enclosures and Enclosure Parts.
2. Increased scrutiny for Metallic Enclosures and Enclosure Parts.
3. Increased Safety Factor Requirements for Spark Ignition.
4. Higher level of required conformance for many Protective Components.
5. New requirements for fuses.
6. New enclosure requirements for both Class I and Class II & III.
7. New Drop Test Requirements.
8. New Battery Requirements.
9. New Requirements for Small Components, PC Boards, and Wiring.
10. New requirements for connections (field, internal, and permanently-connected-cables).
11. New PC Board Coatings requirements.
12. Addition of new required testing, both type and routine testing.
13. New requirements for isolating elements (transformers, blocking capacitors, optos).

### Continued Certification Approach:

#### After September 3, 2019:

- All new listings must be evaluated to UL 913: 5<sup>th</sup> Edition or UL 913: 8<sup>th</sup> Edition or UL 913: 6<sup>th</sup> Edition when also covered by NFPA 1981/1982/1983 standard.



- UL 913: 5<sup>th</sup> Edition. Existing listings may remain at 5<sup>th</sup> Edition. Future product design changes must comply with the requirements of this edition (UL 913: 5<sup>th</sup> Edition).
- UL 913: 6<sup>th</sup> Edition. Existing listings may remain at 6<sup>th</sup> edition unless a design change is made to the product that requires a certification decision. If a design change is needed, then the complete listing including changes must be evaluated for complete revision to either UL 913: 5<sup>th</sup> Edition or UL 913: 8<sup>th</sup> Edition.
- UL 913: 6<sup>th</sup> Edition (NFPA 1981/1982/1983). Existing listings falling under the scope of
  1. NFPA 1981 [Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services],
  2. NFPA 1982 [Personal Alert Safety Systems (PASS)] or
  3. NFPA 1983 [Life Safety Rope and Equipment for Emergency Services 1983may remain at 6<sup>th</sup> edition. Future product design changes must comply with the requirements of this edition and applicable NFPA standard as long as the NFPA standard still references UL 913 6<sup>th</sup> edition.
- UL 913: 7<sup>th</sup> Edition. Existing listings may remain at 7<sup>th</sup> edition unless a design change is made to the product that requires a certification decision. If a design change is needed, then the complete listing including changes must be evaluated for complete revision to either UL 913: 5<sup>th</sup> Edition or UL 913: 8<sup>th</sup> Edition.
- UL 913: Pre-Fifth Edition – All products Listed to prior editions of UL 913 (i.e., Fourth edition, Third edition, etc.) were required to have successfully undergone a standards update. Products listed to UL 913 Fourth Edition or earlier are no longer eligible to bear the ETL Mark and their listings have been suspended.

***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.***