

## Standard Information

**Standard Number:** UL 1203

**Standard Name:** Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for use in Hazardous (Classified) Locations

**Standard Edition and Issue Date:** 5<sup>th</sup> Edition Dated November 22, 2013

**Date of Revisions:** n/a (issued November 22, 2013)

**Date of Previous Revisions to Standard:** 4<sup>th</sup> Edition Revised October 28, 2009

## Effective Date of New/Revised Requirements

**Effective Date (see Schedule below):** **December 4, 2015**

## Impact, Overview, Fees 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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:** Several significant changes appear in the new edition. Specific details of new/revised requirements are found in table below.

**Schedule:** So that shipping of products with Listing Marks will not be interrupted, an **approximate** schedule has been established to ensure Listing Reports are found compliant by Effective Date:

- April 3, 2015 = 8 Month Report Review – Intertek will review all Reports and prepare Quote.
- June 5, 2015 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- November 6, 2015 = 30 Day Warning – Client advised of all non-compliant Reports to be Suspended
- **December 4, 2015** = Effective Date – ATM Suspended for all non-compliant Reports

**Fees:** Based on the type of product listed and compliance level, a quote will be prepared. It is anticipated that 1-2 days of engineering time will be required to review and update each report.

### 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.**



# Standards Update Notice (SUN)

Issued: May 30, 2014

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment	NC#
Table 10.1 Table SA5.1		Change to ISO class fit requirements for threaded joints. All ISO type threads must be tolerance 6g/6H regardless of thread engagements (6-8 thread engagements required).	
14.1.4.3		Supplemental equipotential bonding connections facilities on the outside of electrical equipment must be sized properly for 4 mm <sup>2</sup> (10AWG) conductors and be subjected to pullout and secureness tests per UL 486E: Standard for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors.	
14.2.1.2 & 84.1.1		Replaced specific cord types with "Extra-Hard-Usage". All cords utilized for portable equipment shall be of the extra hard usage type.	
21.15		Equipment for use in Group B (Hydrogen) must undergo 15 or more ignitions for reference pressure testing in order to cover the flammable range.	
97		Brass parts containing more than 15% zinc must be tested per ASTM B858-06: Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys. This test differs from previous 10 Day Moist Ammonia-Air Stress Cracking Test.	
		<b>CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.</b>	