

## STANDARD INFORMATION

**Standard Number:** UL 2225

**Standard Name:** Cables and Cable-Fittings for Use in Hazardous (Classified) Locations

**Standard Edition and Issue Date:** 4<sup>th</sup> Edition Dated September 30, 2013

**Date of Revision:** September 21, 2018

**Date of Previous Revision of Standard:** March 24, 2017

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **March 21, 2020**

## 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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:** Cable fittings for Class II, Division 1 only including the construction, testing, and marking requirements. 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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

CLAUSE	VERDICT	COMMENT
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*Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.*

14	Info	<b>Bonding Continuity</b> <i><b>New clause added;</b></i>
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14.2		Non-metal parts relied upon to create compression to maintain the bonding path between the cable fitting and the Type MC metal-clad cable armor shall be determined to comply with the Current Test requirements of the Standard for Conduit, Tubing, and Cable Fittings, UL 514B after being aged. The Air-Oven aging temperature shall use the maximum rated temperature of the cable fitting as the maximum service temperature of the cable fitting, in accordance with the Table 4.3 of Standard for Gaskets and Seals, UL 157.
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16	Info	<b>Supply Connection Threads for Flameproof "d", Explosionproof, and Dust Ignition-proof Fittings</b>
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16.4		A fitting having Metric threads shall <del>be constructed in accordance with Table 16.1</del> have not less than 8 threads of tolerance class 6g.
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Table 16.1	Info	<b><i>Table deleted;</i></b>
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25	Info	<b>Dust Penetration Test</b> <i><b>New clause added;</b></i>
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25.2.1		Elastomeric materials relied upon to prevent the entrance of dust shall be aged using the maximum rated temperature of the cable fitting as the maximum service temperature of the fitting, in accordance with the Table 4.3 of Standard for Gaskets and Seals, UL 157 before being subjected to the tests of 25.3 or 25.7.
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36	Info	<b>All AEx Cable Fittings and Cord Connectors</b> <i><b>Old table deleted and replaced;</b></i>
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**Level of protection, equipment group and Ingress protection (IP) relationship**

Table 36.1

Intended Zone of Application	Level of Protection	Group IIIC	Group IIIB	Group IIIA
<u>Zone 21</u>	<u>"tb" or "tD"</u>	<u>IP6X</u>	<u>IP6X</u>	<u>IP5X</u>
<u>Zone 22</u>	<u>"tc" or "tD"</u>	<u>IP6X</u>	<u>IP6X</u>	

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.