

## STANDARD INFORMATION

**Standard:** UL 2225

**Standard ID:** Cables and Cable-Fittings for Use in Hazardous (Classified) Locations [UL 2225:2013 Ed.4+R:06Feb2020]

**Previous Standard ID:** Cables and Cable-fittings for Use in Hazardous (Classified) Locations [UL 2225:2013 Ed.4+R:23May2019]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **February 6, 2022**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard.

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

***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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined out</del> below.</i>
	Info	<b>PERFORMANCE</b>
7	Info	<b>Impact Test – Low Temperature</b>
		<b><i>New clause added;</i></b>
7.0		The Impact Test – Low Temperature for Types TC-ER-HL, MC-HL and ITC-HL shall be conducted using cables containing 3 – 14 AWG conductors. These conductors are considered representative of the performance of finished cable of the same construction in all (18 – 4/0 AWG and 250 – 1000 kcmil) sizes.
9	Info	<b>Crushing Test</b>
		A Crushing Test for all cable types shall be conducted using the requirements specified for the Crushing Test – All Cable, in the Standard for Metal-Clad Cables, UL 1569, with the following modifications.
9.1		<ul style="list-style-type: none"><li>• <u>The sample for non-ITC-HL cables shall contain 3 – 14 AWG conductors and 3 – 2 AWG conductors.</u></li><li>• The sample for ITC-HL cables is permitted to contain only 14 AWG conductors (to represent all sizes from 22 AWG to 12 AWG) or small conductor sizes to represent only the size tested.</li><li>• The crushing force is to be 1500 pound-force (6670 N) for the test with the 14 AWG conductors.</li></ul>
10	Info	<b>Flame Test</b>
		<b><i>New clause added;</i></b>
10.2		For MC-HL and ITC-ER-HL, the test specimens for the FT4/IEEE 1202 tray flame test are the smallest size (typically 14/3) [equivalent diameter for a cable that is not round is calculated as $1.1284 \times (TW)^{1/2}$ , in which T is the length of the minor axis of the cable and W is the length of the major axis of the cable] cable that the manufacturer intends to produce in each construction made.
		<b><i>New clause added;</i></b>
10.3		For TC-ER-HL, the results using 9-conductor 12 AWG samples are representative of the performance of finished cable of the same construction in all (18 – 4/0 AWG and 250 – 1000 kcmil) sizes.