Announcing: Publication of Update No. 1 to CSA C22.2 No. 174-18 - Cables and Cable glands for Hazardous Locations

	Standard Number	Standard Title	Class Numbers	Bulletin Title	Supersedes/ Supplements
	CSA C22.2 No. 174	Cables and Cable glands for Hazardous Locations	5728 01, 5728 02, 5738 01, 5738 02, 5818 01, 5818 02	Wire and Cable No. 266	Supplements Wire and Cable No. 239

DETAILS

Standard:

CSA C22.2 No. 174	Cables and Cable glands for Hazardous Locations

Programs:

Electrical Certification

Who is affected:

Manufacturers of communication cables who may wish to apply for hazardous location approval.

Standard Publication Date:

Feb 28, 2022	The standard edition or amendments announced in this Information Bulletin may be used for CSA certification as of the issue date of this document.

View my Listings:

https://www.csagroup.org/testing-certification/product-listing/	Enter your Master Contract # and the class numbers associated with this Bulletin to determine which of your products are affected.

NEXT STEPS:

Already Certified:

This publication outlines certification revisions that do not affect your currently certified product designs.

If you have any questions or are looking for Certification:

Please contact your CSA Customer Care Manager, Rodger Redd , at Rodger.Redd@csagroup.org.

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TECHNICAL SUMMARY:

Overview of changes:

This Information Bulletin announces the publication of Update No. 1 to CSA C22.2 No. 174-18. It was prepared by the CSA Integrated Committee on Hazardous Location Products, under the jurisdiction of the Technical Committee on Industrial Products and the Strategic Steering Committee on Requirements for Electrical Safety.

Effect on Approvals:

The changes in Update No. 1 of this standard do not require resubmission of products to confirm ongoing compliance. Effective immediately, all new applications and/or updates to currently certified products will be evaluated to CSA C22.2 No. 174-18 including Update No. 1.

Details of Affected Class Numbers can be found in Table 1.
Details of Revised Requirements can be found in Table 2.

TABLE 1 – AFFECTED CLASS NUMBERS

Class Number	Title
5728 01	CABLE - Control - For Hazardous Locations
5728 02	CABLE - Power - For Hazardous Locations
5738 01	CABLE - Communications - For Hazardous Locations
5738 02	CABLE - Fire Alarm and Signal - For Hazardous Locations
5818 01	CABLE - Armoured - For Hazardous Locations
5818 02	CABLE - Metal Sheathed - For Hazardous Locations

TABLE 2 – MAJOR REVISIONS

Item	Changes
1	Addition of CSA C22.2 No. 214 to the list of acceptable constructions.
2	Clarified the compliance criteria for the armoured cable tension and flexibility test in clause 5.3.1.1.3.