

# CERTIFICATION Informs

An Urgent Bulletin from CSA Group

Ref No: I18-155

Wire and Cable No. 245

Date: December 18, 2018

New Service available as of today

Apply any time to have your products evaluated

Announcing: Extension of Certification Service for Wire and Cable Products to Include Optional Acid Gas "AG14" Rating Not Currently Included in CSA Wire and Cable Standards

See Attachment 1 for affected Class Numbers.

To purchase the Standard, visit us at [store.csagroup.org](http://store.csagroup.org)

## Who is affected?

Manufacturers of wires and cables.

## What do you do?

1. This publication provides for new certification services that do not affect your currently certified product designs.
2. Please contact CSA technical staff if you have questions or need information concerning this publication and how it applies to you.
3. If you would like to take advantage of the new certification services, initiate a certification project by contacting our Client Services Centre at 1-866-797-4272. Please supply appropriate supporting documentation\* and we will inform you of the samples required.

\*which includes technical information, company name, address, factory locations and CSA file

number or master contract number (if assigned), and any other relevant documentation.

## Approvals:

Wire and cable manufacturers who wish to obtain an optional "AG14" acid gas rating for their products. Compliance will be documented in the certification report as well as the Certified Product Listing. The marking may also be applied to the product using the marking methods specified in the applicable wire and cable standards.

See attachment 2

## Background and Rationale:

This Informs is intended to assist wire and cable manufacturers who may need to have their products comply with the acid gas marking requirements in certain jurisdictions. This rating may be required by the local authority having jurisdiction or by the end user.

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <http://www.csagroup.org/services/testing-and-certification/product-listing/> and enter your Master Contract # and the class numbers associated with this Informs to view your certified products.

## For technical questions on this Informs

Contact Evangeline Cometa  
by phone 416-747-2671, fax 416-747-4149  
or e-mail [evangeline.cometa@csagroup.org](mailto:evangeline.cometa@csagroup.org)



Visit us at [www.csagroup.org](http://www.csagroup.org) where you can click on "Contact Us" for the online phone listing of our Offices and Partners.

## ATTACHMENT 1

### Affected Class Numbers

Class No:

5721 01, CABLE - Control  
5721 02, CABLE - Photovoltaic  
5722 02, CABLE - Power - Commercial and Industrial  
5722 03, CABLE - Power - Portable  
5722 04, CABLE - Power - Mine Power and Feeder  
5722 05, CABLE - Power – For Distribution Utilities  
5724 01, CABLE - Marine Shipboard  
5731 01, CABLE - Communications  
5731 02, CABLE - Communications (Optical Fiber)  
5735 01, CABLE - Fire Alarm and Signal  
5811 01, CABLE - Armoured  
5811 02, CABLE - Armoured - ASPCA  
5812 01, CABLE - Metal Sheathed  
5821 02, CABLE - Nonmetallic Sheathed  
5822 01, CABLE - Service Entrance  
5823 01, CABLE - Neutral Supported  
5832 02, WIRES - Thermoplastic  
5832 03, WIRES - Thermosetting  
5834 01, WIRES - Control-circuit Wire For Extra Low Voltage

## ATTACHMENT 2

### Requirements

1. All nonmetallic cable components shall not exceed an acid gas level of 14% by weight when calculated as HCL. Compliance shall be determined in accordance with the method specified in the Acid Gas Emission test in CSA C22.2 No. 2556.

**Note:** Based on the precision of  $\pm 0.7\%$ , determined by a round robin study participated by five laboratories, results of up to 14.7% as determined in CSA laboratory, will comply.

2. Materials that are non-halogenated need not be subjected to the acid gas emission test.