

CERTIFICATION Notice

An Urgent Bulletin from CSA International

Wire and Cable No. 161

Date: February 16, 2011

Effective Date: January 26, 2012

Apply Before September 12, 2011

Announcing: Publication of New Wire and Cable Standard for Neutral-Supported Cable C22.2 No. 129-10

Class No: 5823 01, CABLE - Neutral Supported

To purchase the Standard, visit us at www.shopcsa.ca

Who is affected?

Manufacturers of Neutral-supported cables.

What do you do?

1. CSA International Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA International's "Application for CSA Certification Services" and "Quotation" communication. You must respond no later than September 12, 2011 in order to guarantee the update to your certification is completed by January 26, 2012. If testing is needed, we will inform you of the samples required.

Approvals:

Customers who presently hold CSA Certification of Neutral-supported cables are required to make application to complete testing and confirm new

marking will be applied as noted in attachment 1. After the above effective date Neutral-supported cables that do not comply with the new requirements will no longer be eligible to bear the CSA certification mark.

Customers who wish to take advantage of the new construction features detailed in Attachment 1 may make application at any time.

Major Revisions:

Factory Spark Testing has been added as an option to dielectric testing. Marking changes and limited additional testing are required per Attachment 1.

Background and Rationale:

This is the fourth edition of CSA C22.2 No. 129, Neutral supported cables, one of a series of Standards issued by the Canadian Standards Association under Part II of the Canadian Electrical Code. It was prepared at the request of industry and it supersedes the previous editions, published in 2005, 1976 and 1963 under the title Neutral Supported Cable.

For questions specific to your file or products contact your regular CSA International engineering staff.

Go to <http://directories.csa-international.org/> and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact Todd Hamden
by phone 416.747.2225, fax 416.401.6533
or e-mail todd.hamden@csa-international.org

In the event your models do not comply with the effective standards, arrangements must be made to bring them into compliance.

In the event we do not receive a response as to your currently certified models, prior to the above applicable effective date(s), the certification of such models will be discontinued.



Visit us at www.csa-international.org Click on "Contact Us" for the online phone listing of our Offices and Partners

ATTACHMENT 1

Major Revisions

CONSTRUCTION

- Added references to new test standard C22.2 no 2556
- Added ACM – aluminum conductor material (series 8000 alloy)
- Added abbreviation for AASC— aluminum alloy stranded conductor
- The length of lay of phase conductors cabled around the neutral conductor without fillers has been increased from “25-60” to “25-75” times the finished diameter of one of the phase conductors.
- Continuous surface coatings and Coloured stripe on black insulation have been identified in this edition to be either polyethylene or crosslink polyethylene and meet the same requirements as that of the insulation

MARKING - Confirmation on new marking required

- “SR” Sunlight resistance marking added
- Month and year of manufacture has been added in place of year of manufacture

TESTS

- Factory testing now includes a spark test as an alternate to the dielectric test
- ***FT1 Flame test now required - File Review, retesting required***
- Compatibility of optional corrosion-resistant inhibitors test has been modified to **also require the jacket to be tested – File Review, retesting required**

New Table added for Spark Test voltages as follows:

Phase conductor size, AWG or kcmil	Test voltage (ac), kV
8–2	12.5
1–4/0	15.0
250–500	17.5