

CERTIFICATION **Inform**s

An Urgent Bulletin from CSA Group

Ref No: I14-059

Wire and Cable No. 189

(Supersedes *Inform*s Wire and Cable No. 168, Ref No: I11-066)

***Re-Issued: June 30, 2014**

Date: June 23, 2014

Existing Certification not affected

Apply any time to have your products evaluated

Announcing: Publication of Update No. 1 to CSA C22.2 No. 271-11 - Photovoltaic Cables

*Class No: 5721 02, CABLE - Photovoltaic

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

Who is affected?

Manufacturers of photovoltaic cables.

What do you do?

1. This publication outlines certification revisions 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 arrange for an evaluation of new products to the revisions, initiate a certification project by contacting our Client Services Centre at 1-866-797-4272. Please supply appropriate supporting documentation*. If testing is needed, 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:

Customers who wish to obtain CSA certification may make an application at anytime.

Background and Rationale:

This *Inform*s announces the publication of Update No. 1 to CSA C22.2 No. 271-11 that was published in May 2011. The update was prepared by the Integrated Committee on Fixed Installation Wires and Cables under the jurisdiction of the Technical Committee on Wiring Products.

Major Revisions:

The revisions include editorial clarifications and corrections which are highlighted in Attachment 1.

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

Go to <http://directories.csa-international.org/> and enter your Master Contract # and the class numbers associated with this *Inform*s 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



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ATTACHMENT 1

Major Revisions

1. Clause 5.2 has been revised to read "*Circuit conductors shall be stranded aluminum conductor material (ACM) or stranded copper conductors in accordance with CSA C22.2 No. 38.*"
2. The first sentence in clause 5.7.2.2 has been revised to read "*A multiple conductor cable shall have a jacket, where applicable, applied over the cabled conductors in accordance with Tables 1 and 5. When a thermoplastic or thermoset jacket is required or applied...*"
3. Clause 6.13 has been revised to indicate that the tests for hot-creep elongation and hot-creep set apply to EP and EPCV insulations only.
4. Clause 6.17 - Crushing resistance test has been deleted as it does not apply to RW90 and RWU90 types.
5. Clause 6.19 has been revised to read "*Shrinkback (XL only)*
Compliance shall be determined in accordance with the shrinkback test specified in CSA C22.2 No. 38.
Note: Applies to solid conductors #14-10AWG."
This informs further clarifies that this test applies only to insulated bonding conductors having solid conductors #14-10 AWG.
6. A typo in Table 4 has been corrected whereby the air oven aging temperature for 90°C rated CP jacket has been corrected from " $13 \pm 1 \text{ }^{\circ}\text{C}$ " to " $121 \pm 1 \text{ }^{\circ}\text{C}$ ".