CERTIFICATION Informs
An Urgent Bulletin from CSA Group

Ref No: I14-032

Wire and Cable No. 186
(Supersedes Component Acceptance Service No. 22, Ref No. 94-008)

Existing Certification not affected

Date: April 30, 2014

Apply any time to have your products evaluated

Announcing: Update to CSA's Component Acceptance Service for Wire and Cable Compounds

See Attachment 1 for affected Class Numbers.

Who is affected?

Manufacturers of wire and cable insulating and jacketing compounds and manufacturers of wires and 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:

Manufacturers and compound suppliers of polymeric raw materials for use in wire and cable products who wish to obtain CSA Acceptance of their compounds may make an application at any time.

Background and Rationale:

See attachment 2

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 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

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

ATTACHMENT 1

Affected Class Numbers

Class No:
7991 01, POLYMERIC RAW MATERIALS - Wire and Cable Compounds - General
7991 81, POLYMERIC RAW MATERIALS - Wire and Cable Compounds - General - Certified to US Standards

For reference purposes, a list of class numbers for wire and cable end products is provided below. See Attachment 3.

ATTACHMENT 2

Background and Rationale

The selection of compounds is paramount in the manufacture of wire and cable products. The CSA Component Acceptance Service for Wire and Cable Compounds assists the wire and cable industry in Canada, USA and globally by allowing compound suppliers, in coordination with wire and cable manufacturers, to submit finished cable products for CSA evaluation based on pre-selected wire types. Compounds that comply with the pre-selected requirements appear in the CSA Certified Product Listing under the applicable class numbers listed in Attachment 1.

The CSA Component Acceptance Service for Wire and Cable Compounds allows wire and cable manufacturers to select compounds for use in their products that comply with the requirements of the intended applications and thus reduce time and cost of certification of the finished wire and cable products.

Since this service was first announced by the *Informs - Component Acceptance Service No. 22*, dated February 11, 1994, the class numbers for wire and cable compounds have been revised (see Information Package below). In addition, all Accepted compounds can now be viewed online by going to www.csagroup.org, clicking on ***Certified Products*** and entering class ***7991***.

This Informs, announcing the update to the CSA Component Acceptance Service for Wire and Cable Compounds, is being issued to ensure that all stakeholders are aware that substantial savings in cost and time to certification can be realized with this service. Please consult with the listed compound suppliers regarding the availability of accepted compounds for your intended application or view listings online as described above.

Information Package on CSA Component Acceptance Service for Wire and Cable Compounds

Purpose:
For wire and cable manufacturers, the CSA Component Acceptance Service for Wire and Cable Compounds provides listings of compounds that have been examined and evaluated to preselected tests in applicable CSA or USA Standards.

For polymeric compound manufacturers, the CSA Component Acceptance Service for Wire and Cable Compounds provides a useful marketing tool. Suppliers of CSA Accepted compounds will be able to use this acceptance in marketing their products to wire and cable manufacturers in Canada, USA and globally.

Scope:
The CSA Component Acceptance Service for Wire and Cable Compounds covers the listing of Accepted polymeric raw materials for use in CSA or CSA-US Certified wire and cable products.

Upon successful evaluation, Accepted compounds will be listed under the applicable CSA Product classifications as follows:

7991 01 POLYMERIC RAW MATERIALS Wire and Cable Compounds – General
7991 81 POLYMERIC RAW MATERIALS Wire and Cable Compounds – General - Certified to US Standards

The listing will include, at a minimum, the following information:

- Compound designation
- Temperature rating;

- The wire type for which the compound is suitable for;
- Applicable tests (e.g. LTIR (wet rating), oil aging, weather resistance (Sunlight resistance), flame classification etc);
- Suitability of the compound as an insulation or jacket in specified wire types; and
- Other conditions of acceptance

Update to Class Numbers:
This Informs also announces the cancellation of the following class numbers which have been superseded by Class numbers 7991 01 and 7991 81:

7991 02 – Polymeric Raw Materials – Wire and Cable Compounds – Proprietary
7991 82 – Polymeric Raw Materials – Wire and Cable Compounds – Proprietary - Certified to US Standards
5880 31 and 5880 91 – WIRES – Thermoset Compounds
5880 32 and 5880 92 – WIRES – Thermoplastic Compounds
5880 33 and 5880 93 – WIRES – Fluoropolymer Compounds
5880 34 and 5880 94 – WIRES – Proprietary Compounds

Requirements:
Compounds shall be evaluated to applicable wire and cable product tests when using the test methods specified in the tri-national standard CSA C22.2 No. 2556/UL 2556/ANCE NMX-J-556 – *Wire and cable test methods*. The compound will also be evaluated to additional requirements as requested by the manufacturer of the insulating compound. The type and quantity of samples to be provided for testing shall be as specified in the standards to which the compound is to be tested.

All compounds accepted under this Service shall also be evaluated by CSA Group to additional requirements as specified in the end wire and cable product standards.

Marking:
Packaging containers (gaylord boxes, drums, etc), or shipping documents, shall bear:

- the manufacturer's identification (company name, tradename/trademark, CSA file or master contract number);
- compound designation;
- date marking or lot number;
- CSA Component Acceptance Mark, consisting of the CSA Monogram with adjacent ▲ (solid triangle) indicator and when applicable the “C” and “US” indicators as outlined in the Component Acceptance marking section below.

Component Acceptance Marking:
Component Acceptance Marking consisting of the CSA Monogram with adjacent (solid triangle) indicator indicates that a component meets applicable Canadian standards only (see “Notes” below)

or

Component Acceptance Marking consisting of the CSA Monogram with adjacent (solid triangle) indicator and US indicators indicates that a component meets the applicable U.S. standards only (see “Notes” below).

Component Acceptance Marking consisting of the CSA Monogram with adjacent (solid triangle) indicator and “C” and “US” indicators indicates that a component meets the applicable Canadian and U.S. standards (see “Notes” below)

Notes:
1) Triangle is equilateral, and is positioned as shown.
2) Triangle shall have a height "h" not less than 3/16nor more than 1/4 of the monogram diameter "D".
3) Triangle may appear in outline style when the monogram letters appear in outline style

Service Agreement:
Upon Acceptance of the products by CSA, an agreement will be signed by the customer and CSA, for each manufacturing facility. The agreement will cover the following:

- Authorization to apply the CSA Component Acceptance Mark;
- Access to the manufacturing facility by CSA Group representative during a follow-up inspection visit. See below for details;
- Annual fees and other items such as advertising.

Follow-up Inspection
For each manufacturing facility covered under this service, a follow-up program involving periodic in-plant inspection is carried out to ensure that Accepted Compounds continue to be manufactured, marked and shipped in accordance with the specified acceptance criteria.

Acceptance Information:
All promotional literature and catalogues making a reference to the CSA Component Acceptance Service and/or using the CSA Component Acceptance Marking shall also state the scope and conditions of acceptance.

ATTACHMENT 3

Major Revisions

5721 01, CABLE - Control
5721 02, CABLE - Photovoltaic
5721 81, CABLE - Control - Certified to US Standards
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
5722 82, CABLE - Power - Commercial and Industrial - Certified to US Standards
5722 83, CABLE - Power - Portable - Certified to US Standards
5723 01, CABLE - Airport Lighting
5724 01, CABLE - Marine Shipboard
5724 81, CABLE - Marine Shipboard - Certified to US Standards
5731 01, CABLE - Communications
5731 02, CABLE - Communications (Optical Fiber)
5731 81, CABLE - Communications - Certified to US Standards
5731 82, CABLE - Communications (Optical Fiber) - Certified to US Standards
5731 83, CABLE - Communications, Miscellaneous - Certified to US Standards
5731 84, CABLE - Data Processing - Certified to US Standards
5735 01, CABLE - Fire Alarm and Signal
5735 81, CABLE - Fire Alarm and Signal - Certified to US Standards
5738 01, CABLE - Communications - For Hazardous Locations
5811 01, CABLE - Armoured

5811 02, CABLE - Armoured - ASPCA
5811 10, CABLE - Building Wire & Cable - Label Licensing
5811 81, CABLE - Armoured - Certified to US Standards
5812 01, CABLE - Metal Sheathed
5812 81, CABLE - Metal Sheathed - Certified to US Standards
5818 01, CABLE - Armoured - For Hazardous Locations
5818 02, CABLE - Metal Sheathed - For Hazardous Locations
5821 02, CABLE - Nonmetallic Sheathed
5821 82, CABLE - Nonmetallic Sheathed - Certified to US Standards
5822 01, CABLE - Service Entrance
5822 02, CABLE - Service Entrance
5822 81, CABLE - Service Entrance - Certified to US Standards
5823 01, CABLE - Neutral Supported
5831 01, WIRES - Flexible Cord
5831 81, WIRES - Flexible Cord - Certified to US Standards
5832 02, WIRES - Thermoplastic
5832 03, WIRES - Thermosetting
5832 12, WIRES - TC-Thermoplastic
5832 13, WIRES - TC-Thermosetting
5832 82, WIRES - Thermoplastic - Certified to US Standards
5832 83, WIRES - Thermosetting - Certified to US Standards
5834 01, WIRES - Control-circuit Wire For Extra Low Voltage