

Standard Information

Standard Number: UL 486C / CSA C22.2 No. 188

Standard Name: Splicing Wire Connector

Standard Edition and Issue Date: 6th Edition Dated January 11, 2013

Date of Revisions: December 13, 2013

Date of Previous Revisions to Standard: 6th Edition Dated January 11, 2013

Effective Date of New/Revised Requirements

Effective Date: **March 31, 2016**

Impact, Overview, Fees and Action Required

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date of **March 31, 2016** unless the product is found to comply with new/revised requirements.

Overview of Changes: New and revised construction and test requirements. Specific details of new/revised requirements are found in table below.

Processing Schedule: So that production of products bearing Listing Marks will not be interrupted, the following schedule of **approximate** dates has been established to ensure Listing Reports are found compliant by Effective Date:

Fees: An initial review of Listing Report (s) will be covered by a direct billing project and will be invoiced at not more than \$1000 per report.

Client Action Required:

Information – To assist our Intertek Engineer with review of your Certification Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements not apply to your product (s).

Current Listings Not Active? – *Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.*



Standards Update Notice (SUN)

Issued: August 28, 2015

Description of New/Revised Technical Requirements

Clause	Verdict	Comment
9.1.3.2		Addition of sentence - "When uninsulated wire is used, the thermocouple is not placed under any conductor insulation."
9.1.3.3(a)		Addition of sentence - "When using uninsulated wire, this step shall be skipped."
9.1.3.3(c)		Addition of sentence - "When using uninsulated wire, no insulation flap shall be used. A double layer of black thermoplastic tape shall be wrapped directly over the thermocouple bead."
9.1.3.4 (a)		Addition of sentence - "When using uninsulated wire, this step is omitted."
9.1.3.4 (f)		Addition of sentences - When using uninsulated wire, no insulation flap shall be used. A double layer of black thermoplastic tape wrapped directly over the copper ribbon or heat shrink tubing shall be used."
9.1.5.1		Minor editorial revision and addition of reference to new clause 9.1.5.1A
9.1.5.1		Addition of new clause - All test specimen conductors and control conductors shall comply with the requirements in Table 9, Table 10, and Table 11, see 9.1.5.1A. All test specimen conductors and control conductors shall be new (previously unused) or, with the concurrence of those concerned, shall be previously used conductors that have not attained a temperature of over 120 °C. For previously used conductors, used conductor ends shall be cut off and the resulting new ends of the conductor re-stripped in accordance with 9.1.6.
9.1.8.7		Addition of new clause - When preparing assemblies using uninsulated conductors, a tie wrap or similar means shall be used in close proximity to the wire opening to prevent splaying or spreading of the uninsulated conductor. This restriction shall be applied to the conductor end prior to any torquing or crimping and shall remain in place during the remainder of the test. Note: The use of a tie wrap or similar means is intended to maintain the relative positioning of the individual conductor strands with similar constraints that might occur if insulated conductors had been used, where the conductor insulation acts in the same capacity.
9.5.3.2		Minor editorial revision
9.8.1		Revised cold temperature conditioning from 0 ± 1°C to -10 ± 1°C Retesting Required If for use in Canada. If for use in the United States and Mexico, this requirement does not apply.
Table 5		Minor revisions
Table 8		Revisions to clarify the number of specimens for testing to the Dielectric Withstand, and Secureness of Insulation
Table 10		Revisions to include reference to new Clause 9.1.5.1A, added Type PE or XLPE thermoset insulation for aluminum conductors, deleted reference to black thermoplastic insulation, and revised note ^a to indicate that Table 10 is not applicable to testing with uninsulated wire
		CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with the new/revised requirements.