



Consejo de Armonización de Normas Electrotécnicas de las Naciones en las Américas
Council for Harmonization of Electrotechnical Standards of the Nations in the Americas

Instructions for completing CANENA Project Harmonization Request Form

Since CANENA is not itself, a Standards Developing Organization (SDO), part of the approval process for a CANENA project is endorsement and commitment of participation by the relevant SDO in each “participating country.” The CANENA Secretary will forward copies of the Project Request to the SDOs. Unless otherwise notified with the project request, the relevant SDOs in Mexico, Canada and the USA are: ANCE, CSA, and UL, respectively. These three SDOs will typically look for in country industry commitment to the project. According to their published harmonization procedures, the preferred source for evidence of industry commitment is the predominant industry trade associations. An official letter of commitment from the relevant industry in each “participating country” shall accompany the project request.

The purpose of this form to assist interested parties in the process of initiating or changing a standards harmonization project to be conducted under the auspices of CANENA. The use of this form, as a guide, ensures compliance with published CANENA Standardization Procedures and the Procedures for Harmonizing ANCE/CSA/UL Standards. The full text of these procedures can be found at www.canena.org.

Fields to be completed by project initiator

Project Title and Description: A brief title for the project helps to distinguish one project from another. The description should be brief and not restate the scope. A statement of objective is appropriate (*Example: To develop a trinational, identical standard for molded case circuit breakers that is harmonized, to the extent possible, with the relevant IEC standard*).

SECTION 1:

Submitter and Contact Information: It is important that the submitter provide contact information so that any questions can be quickly addressed.

Scope: If a completely new standard, state that no known standards, specifications or requirements as a basis for conformity assessment exist for the product, then refer to the project description. For a project to harmonize existing standards, specifications or requirements as a basis for conformity assessment should be listed and their current edition and publication dates. It is important to note that according to the published procedures, when an IEC standard exists for the product(s) under consideration, technical rationale must be provided when that IEC standard is not considered in the scope of the project.

Rational: The rationale for initiating a regional harmonization effort is required at project initiation and likely will be stated in the preface to the final standard. It should address market needs, market relevance and business drivers, including regulatory demands or other country requirements.

Trade Association Support: Support from the industry sector having a material interest in the standard in question is crucial for achieving consensus to initiate the regional harmonization effort.

Other Supporting Associations: When the regional harmonization involves a standard, which is used by other industry sectors, outreach to those sectors is needed for achieving consensus on project initiation.

Once completed, email this form to joel_solis@nema.org. Shortly, an acknowledgment of receipt will be provided. Acknowledgment is intended to provide assurance that the request will be acted on.

Joel Solis
Secretary-General, CANENA
c/o NEMA
1300 N. 17th Street, Suite 900
Rosslyn VA 22209
Email: joel_solis@nema.org

CANENA Project Harmonization Request Form

Notes:

- 1) This form shall be used when a product is added to, or removed from a harmonized standard.
- 2) This form shall be used when any SDO or trade association would like to join or exit a harmonization project.

SECTION: 1

Submitter Name: Khaled Masri Organization: NEMA Date: 12/11/2020

Harmonization Project- Proposed Scope or change to project:

It has been proposed by UL and agreed in concept by each SDO and by the THSC to remove the requirements of flexible cords for decorative lighting use from the tri-national standard, NMX-J-436-ANCE/CSA C22.2 No. 49/UL 62: Flexible Cords and Cables. UL has proposed develop its own Standard for these products, CSA has proposed to include these products in CSA C22.2 No. 127 along with similar decorative cords, and ANCE will not need to develop a standard for decorative cords as requirements already exist in NMX-J-588.

Rationale attached: Yes (note: project will not be considered without a rationale)

Rationale:

Construction requirements for Flexible cords used for decorative lighting are contained in Clause 4.3, Thermoplastic Insulated Cords, (including decorative and range and dryer cords), and Table 22, Decorative cords, and Table 23, Decorative cords and clock cords. With the exception of the following cord types, SPT-1W^{c,u} (105C), DPTW^{c,u}, DPT^{c,u} included in Table 23. decorative cord types are not harmonized:. Type SPT-1W is also included in Table 20, Thermoplastic service cords, with a footnote that "SPT-1W and SPT-2W rated 105°C may be used as decorative cords for use in the United States only." Type SPT-2W was removed from Table 23 in July 2018 (new Edition), when Types DPTW and DPT were added to this Table. Type SPT-2W is, however, still located in Table 20. Types DPTW and DPT are constructed the same as Types SPT-2W and SPT-2, respectively, except that the former are limited to 20 AWG only and are limited to use specifically as decorative cords.

Additionally, there are differences in the national electrical codes for the three countries which makes harmonization of these products more difficult. The US and Mexican national electrical codes do not specifically cover decorative cord types, while the Canadian Code does. The US and Mexician Codes instead limit the installation and period-of-use for decorative products to 90 days. The Canadian Code does not specifically limit the installation and use period, but instead references CSA C22.2 No. 37, which specifies 90 days maximum. Other flexible cord types covered by the tri-national standard have no such installation and use restrictions.

Further, the Standards (UL 588, CSA C22.2 No. 37, and NMX-J-588) covering the end products that employ these cord types are not harmonized. The construction and performance requirements in these Standards are sufficiently different that would preclude a single product would satisfy all three of these Standards. As such, when there is a need in the decorative lighting industry for new constructions of flexible cords or wires, the requests are typically related to only one country, as evidenced by the existing types in Tables 22 and 23 of the tri-national flexible cord Standard.

Lastly, the decorative lighting industry is such that new decorative cord types are being requested at a faster rate than is seen for other types of flexible cords. As the needs of the decorative lighting industry are different than those of the typical flexible cord industry, the harmonization process hinders innovation and time-to-market for the decorative lighting industry.

Creating new Standards for decorative cords will allow for a more targeted and responsive approach to Standards development and maintenance, with each SDO given the flexibility to address technical considerations specific to their country, product, and end use application, and freeing up CANENA THSC 20 to focus on products that are truly harmonized.

Trade Association Support? YES (NEMA and EFC have no objection to the proposal, [NEMA Letter of Commitment-Decorative Lights.docx](#) supporting letter from NEMA) X NO

Other Supporting Association/Entity? YES () NO x

Are there existing standards to be harmonized? YES (list them below) NO X

ANCE _____ CSA _____ IEC _____ UL _____

SECTION: 2 _____ CANENA General Secretary Use Only

Date Request Form Sent to SDOs: _____ Name: _____

Comments: _____

SECTION: 3 _____ SDO Use Only

ANCE Acknowledgement: Name: _____ Date: _____

ANCE Support: YES NO N/A Name: _____ Date: _____

ANCE Comments: _____

CSA Acknowledgement: Name: _____ Date: _____

CSA Support: YES NO N/A Name: _____ Date: _____

CSA Comments: _____

UL Acknowledgement: Name: _____ Date: _____

UL Support: YES NO N/A Name: _____ Date: _____

UL Comments: _____

SECTION: 4 _____ CANENA General Secretary Use Only

Harmonization Project Approved? YES NO

CANENA Project Secretary Name: _____ Phone: _____ E-mail: _____

CANENA THC/THSC Designation: _____

Sent Notification to Submitter (date): _____ Name: _____

Sent Notification to SDOs (date): _____ Name: _____

SECTION: 5 SDO Use Only

ANCE proposed members to THC/THSC, both internal and external (attach list with names, contact info)

ANCE Project Manager Name: _____ Phone: _____ E-mail: _____

Date reply sent to CANENA Gen. Secretary/Project Secretary: _____ Name: _____

CSA proposed members to THC/THSC, both internal and external (attach list with names, contact info)

CSA Project Manager Name: _____ Phone: _____ E-mail: _____

CSA seed documents (attach editable versions of standards needed for harmonization)

Date reply sent to CANENA Gen. Secretary/Project Secretary: _____ Name: _____

UL proposed members to THC/THSC, both internal and external (attach list with names, contact info)

UL Project Manager Name:

Linda L. Phinney, STP Project Manager - Standards Department

Underwriters Laboratories Inc., 47173 Benicia Street, Fremont, CA 94538 USA

T: 510.319.4297

linda.l.phinney@ul.org

UL seed documents (attach editable versions of standards needed for harmonization)

Date reply sent to CANENA Gen. Secretary/Project Secretary: _____ Name: _____

Publication Coordinator: CSA X UL

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