

**CANENA Project Harmonization Request Form**

**SECTION: 1**

Submitter Name: \_Gurvinder Chopra\_ Organization: \_Electro-Federation Canada\_  
Date: \_\_\_\_\_ March 25<sup>th</sup>, 2019 \_\_\_\_\_

Harmonization Project Proposed Scope: \_\_\_\_\_ Merge requirements of Standards for Surge Protective Devices UL 1449 and CSA C22.2 No. 269-17.  
\_\_\_\_\_

---

---

Rationale attached: **Yes, see below.**

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

Trade Association Support? **YES** (attach supporting letter) **NO**

Other Supporting Association/Entity? **YES** (attach supporting letter) **NO**

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

ANCE \_\_\_\_\_ CSA \_\_\_\_\_ C22.2 No 269-17 \_\_\_\_\_ IEC \_\_\_\_\_ UL \_\_\_\_\_ 1449 \_\_\_\_\_

**SECTION: 2** CANENA General Secretary Use Only

Date Request Form Sent to SDOs: \_6/20/2019\_ Name: \_UL/CSA/ANCE\_

Comments: \_EFC to identify a THC for the project.\_

**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: \_\_\_\_\_ Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

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

Publication Coordinator:      CSA      UL

# **CANENA Harmonization: T0121: Surge Protective Devices**

---

**Participating Countries:** Canada, United States

**Project Title:** Surge Protective Devices

**Standards involved:**

1. UL 1449
2. CSA C22.2 No. 269-17

**Project Description:**

- This project will harmonize current UL standard and CSA standard,
- 

**Project Scope:**

- To merge the relevant requirements from the Standards for Surge Protective Devices UL 1449 and CSA C22.2 No. 269-17.

**Conditions and Impact:**

This project includes Surge Protective Devices (SPDs) designed for repeated limiting of transient voltage surges as specified in the standard on 50 or 60 Hz power circuits not exceeding 1000 V and designated as follows:

Type 1 – Permanently connected SPDs intended for installation between the secondary of the service transformer and the line side of the service equipment overcurrent device, as well as the load side, including watt-hour meter socket enclosures and intended to be installed without an external overcurrent protective device.

Type 2 – Permanently connected SPDs intended for installation on the load side of the service equipment overcurrent device; including SPDs located at the branch panel.

Type 3 – Point of utilization SPDs, installed at a minimum conductor length of 10 meters (30 feet) from the electrical service panel to the point of utilization, for example cord connected, direct plug-in, receptacle type and SPDs installed at the utilization equipment being protected.

Type 4 - Component Assemblies SPDs consisting of two or more Type 5 components, intended for use in Type 1, 2, or 3 SPD applications or installation in other electrical equipment.

Type 5 – Discrete component surge suppressors, such as MOVs that may be mounted on a PCB, connected by its leads or provided within an enclosure with mounting means and wiring terminations.