

Standard(s) Proposed for Harmonization	Industry Support			Date Sent to SDO's			Date a decision expected from SDO's			SDO's Support Harmonization Proposal			Comments
	CA	MX	US	ANCE	CSA	UL	ANCE	CSA	UL	ANCE	CSA	UL	
Submitter: Muhammad Ali (NEMA-US) Title: Surface Nonmetallic Raceways (SNR) and Fittings Standards: UL SA, CSA C22.2 No. 62.1, ANCE TBD Countries: CA, MX, US THC/THSC: THSC 23A WG7			Yes 10/25/2019	10/28/2019	10/28/2019	10/28/2019	1/3/2020	1/3/2020	1/3/2020				Status: Pending 11/13/2019: Ballot reminder issued. 10/28-PHR Scope expansion to include Mexico
Submitter: Muhammad Ali (NEMA-US) Title: Low Voltage Fuses - Class CD Fuses Standards: UL 248.18, CSA C22.2 No. 248.18, ANCE NMX-J-009/248/18-ANCE Countries: CA, MX, US THC/THSC: THSC 32, Low Voltage Fuses and Fuseholders			Yes 10/31/2019	11/1/2019	11/1/2019	11/1/2019	1/3/2020	1/3/2020	1/3/2020				Status: Pending 11/11/2019: Ballot reminder issued. 11/1/2019-PHR form distributed to SDO by Letter Ballot
Submitter: Muhammad Ali (NEMA-US) Title: Belowground RTRC and Fittings Standards: UL 2420, CSA C22.2 No. 2420, ANCE TBD Countries: CA, MX, US THC/THSC: THSC 23A, Cable Management Systems			Yes 10/28/2019	10/28/2019	10/28/2019	10/28/2019	1/3/2020	1/3/2020	1/3/2020				Status: Pending 11/13/2019: Ballot reminder for voters. 10/28-PHR Scope expansion to include Mexico
Submitter: Muhammad Ali (NEMA-US) Title: Standard for Positioning Devices Standards: UL 1565, CSA C22.2 No. 1565, ANCE TBD Countries: CA, MX, US THC/THSC: THSC 23A WG2, Positioning Devices			Yes 10/25/2019	10/28/2019	10/28/2019	10/28/2019	1/3/2020	1/3/2020	1/3/2020				Status: Pending 11/13/2019: Ballot reminder to voters issued. 10/28-PHR Scope expansion to include Mexico
Submitter: P. Desilets (Leviton-CA) Title: Standard for Single-Pole Non-Locking Connectors Standards: New Countries: CA, MX, US THC/THSC: THSC 23H-4	No	No	No	5/27/2019	5/27/2019	5/27/2019	7/19/2019	7/19/2019	7/19/2019				Status: Pending. 9/4/2019: Reviewed the status with the submitter during ExCo meeting. 6/20/2019: Submitter to provide additional rationale prior to further consideration of this proposal.
Submitter: Gurvinder Chopra (EFC-Canada) Title: Pilot Light Alarm Indicating malfunction (General Requirements) Standards: (CSA 22.2 No. 46; UL 2021, UL 1042 and UL 1278) Countries: CA, US THC/THSC: TBD	Yes	No	No	6/20/2019	6/20/2019	6/20/2019	8/20/2019	8/20/2019	8/20/2019				Status: Pending 10/16/2019: EFC: Discussed with electrical heat section...will have a response shortly. 9/4/2019 EFC: Will provide clarity as to what the PIR is intended to accomplish. May end up as a request to UL to modify the UL standards for consistency.
Submitter: Muhammad Ali (NEMA-US) Title: Standard for Surge Protective Devices Standards: (UL 1449; CSA No. 269.2-5-17; NMX-1681.1, and -2) Countries: CA, US, MX THC/THSC: TBD	Yes	TBD	Yes	10/23/2019	10/23/2019	10/23/2019	12/23/2019	12/23/2019	1/15/2019	11/29/2019 Yes	11/18/2019 Yes	11/18/2019 Yes	Status: Approved 11/29/2019: Gabriel Rodriguez of ANCE reported interest in pursuing harmonization as NMX-J-799-ANCE. 11/18/2019: Muhammad Ali reported that UL and CSA have approved the project. Currently working with NEMA Mexico to address ANCE participation. Issued Ballot to track SDO responses. 10/23/2019: NEMA comments to UL proposals to revise UL 1449 submitted on 8/29/2019 asked for a suspension to allow time for consideration of the harmonization request. The request was rejected on 10/22/2019. In addition, CSA recently circulated a Notice of Intent (NOI) with the Standards Council of Canada for a new Canadian National Standard, C22.2 No. 269.6-xx-Surge protective devices-Type 6-DC, permanently connected. It is not clear at this time whether this standard will be added to the harmonization effort, and if so, the SDOs would need to consider the impact this new standards development activity will have on the harmonization proposal and its timing. NEMA responded that it did not support its inclusion. Note: This proposal is intended to replace an identical proposal submitted by EFC.
Submitter: Khaled Masri (NEMA-US) Title: Flexible Metal Conduits (FMC), and Liquid-filled Metal Conduits (LFMC) Standards: CSA New; UL 360 Countries: CA, US THC/THSC: THSC 23A	No	No	Yes 5/17/2019	9/6/2019	9/6/2019	9/6/2019	11/1/2019	11/1/2019	11/1/2019				Status: Pending 11/6/2019: Ballot reminder issued. 11/1/2019: Balloting of the PHR closed. CSA vote negative with comment. A 30-day recirculation ballot containing the CSA comment was then issued to the SDOs. The SDOs have 30-days to provide an answer. 9/6/2019: Revised PHR, NEMA letter of support and comparison documents sent to SDOs and trade associations. 60 day letter ballot issued. Initial PIR submitted on 1/4/2019 and then revised on 5/17/2019.
Submitter: Muhammad Ali (NEMA-US) Title: Supplemental Fuseholders Standards: (NEW UL 4248-14; CSA C22.2 No. 4248-14) Countries: CA, MX, US THC/THSC: 328, Low Voltage Fuses and Fuseholders	No	No	Yes 10/2/2019	10/2/2019	10/2/2019	10/2/2019	12/2/2019	12/2/2019	12/2/2019	TBD	Yes 10/16/2019	TBD	Status: Pending 11/4/2019: Next ballot reminder to be issued. 10/21/2019: Ballot reminder issued. 10/2/2019: PHR issued to SDOs.
Submitter: Khaled Masri (NEMA-US) Title: Standard for Electrical cables for boats Standards: UL 1426, C22.2 No. 341; NMX-XX-XXXX Countries: CA, MX, US THC/THSC: THSC 20	YES	N/A	YES 6/7/2019	6/7/2019	6/7/2019	6/7/2019	N/A	6/11/2019	6/13/2019	TBD 9/4/2019	Yes 6/13/2019	Yes 6/11/2019	Status: Approved
Submitter: Rob McIntyre (EFC-CA) Title: Outlet Branch Circuit Arc-Fault Circuit Interrupter Standards: UL 1699, UL 1699A, CSA C22.2 No. 270 Countries: CA, MX, US THC/THSC: TBD	Yes 9/15/2014	None	No 7/29/2019	11/24/2014	11/24/2014	11/24/2014	N/A	9/15/2014	TBD 5/24/2018	N/A	Yes	No 9/4/2019	Status: Closed without approval 7/31/2019: NEMA reports a lack of consensus for supporting harmonization among NEMA SWD and SLVDE members and could not achieve agreement related to the UL's standard development and approval process.
Submitter: P. Desilets (Leviton-CA) Title: Standard for Plugs, Connectors, Receptacles, Inlets and Outlets of the Arcuate-Blade Type Devices Standards: UL 498, CSA C22.2-42, IEC 62986 Countries: CA, MX, US THC/THSC: THSC 23B/C-5	No	No	No	5/27/2019	5/27/2019	5/27/2019	7/19/2019	7/19/2019	7/19/2019	TBD 9/4/2019	Yes	No 5/23/2019	Status: Withdrawn 10/8/2019: NEMA responded that project has been withdrawn. 9/4/2019: UL responded having discussed this project internally and have determined that in their current state, UL 498 and CSA 42 do not easily align to blend with IEC 62986. 9/4/2019 CSA Supports. (to be provided)
Submitter: Khaled Masri (NEMA-US) Title: Electrical cables for recreational vehicle (RV) Standards: CSA No. 341; UL 1426; NMX-?? Countries: CA, MX, US THC/THSC: THSC 20	No	N/A	YES 6/5/2019	6/5/2019	6/5/2019	6/5/2019	N/A	8/9/2019	6/13/2019	Pending	No	No 6/11/2019	Status: Closed without approval. 6/18/2019: As concerns have been raised at THSC 20 regarding the harmonization of RV cable, we would like to suggest that the boat cable harmonization commence as soon as possible, and the harmonization of RV cable be put on hold until the issues raised at THSC 20 are resolved. UL requests for a separate RV cable project and for the THC to have further discussions on whether to move forward with harmonization. PIR revised on 6/7/2019 and sent to SDO representatives.