

## Effective dates for electrical equipment safety standards

Electrical safety is regulated in Canada. As such, SCC-accredited certification bodies in this area are required to certify products according to standards, other recognized document or other normative documents recognized by the relevant authority in the jurisdiction.

The date on which these documents take effect after they are published is determined by the Effective Dates Subcommittee of the Canadian Advisory Council on Electrical Safety (CACES). SCC-accredited certification bodies can submit proposed effective dates to the subcommittee.

This requirement is indicated in clause 7.1.2.1 in the SCC Requirements and Guidance - Product, Process, and Service Certification Body Accreditation Program:

- In regulated areas, certification bodies shall certify products to standards, other recognized documents or another normative document recognized by an Authority Having Jurisdiction, or authority within the economy for which the product is intended.
- The certification shall only be issued against documents/standards that contain requirements.
- Where applicable, certification bodies shall comply with effective dates of standards and continued certification decisions when issued by the Regulatory Authority Advisory Bodies (RAAB) or designated subcommittee.

The date when the listed standards come into effect as determined by CACES is indicated below.

<b>Standard number</b>	<b>Title</b>	<b>Standard development organization</b>	<b>Expected publication date</b>	<b>Effective date</b>
CSA C22.2 No. 158	Terminal Blocks	Canadian Standards Association	January 1, 2023	18 months post-publication date
CSA C22.2 No. 286:22	Industrial Control Panels and Assemblies	Canadian Standards Association	June 1, 2023	18 months post-publication date
CSA C22.2 No. 330:22	Photovoltaic rapid shutdown systems	Canadian Standards Association	January 1, 2023	18 months post-publication date

CSA C22.2 no 60079-47	Explosive atmospheres – Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE)	Canadian Standards Association	Published	In effect
ANSI/CAN/UL 2743, 2nd Edition	Portable Power Packs	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	Published	In effect
ANSI/CAN/UL 583, 11th Edition	Electric-Battery-Powered Industrial Trucks	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	TBD	Upon publication
ANSI/CAN/UL 8801, 1st Edition	Standard for Photovoltaic (PV) Luminaire Systems	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	Published	In effect
C22.2 No. 60601-2-83	Medical electrical equipment — Part 2-83: Particular requirements for the basic safety and essential performance of home light	Canadian Standards Association	Published	In effect

CSA C22.2 NO. 60730-2-22	Automatic Electrical Controls - Particular Requirements for Thermal Motor Protectors	Canadian Standards Association	April 1st, 2023	In effect
CSA C22.2 No. 60601-2-20	Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (Adopted IEC 60601-2-20:2020, third edition)	Canadian Standards Association	March 31, 2023	In effect
CAN/CSA-E60335-2-5	Household and similar electrical appliances – Safety – Part 2-5: Particular requirements for dishwashers	Canadian Standards Association	May 1, 2023	24 months post-publication date
C22.2 No. 188	Splicing Wire Connectors (New Edition)	Canadian Standards Association	March 31, 2023	In effect
C22.2 No. 80601-2-60	Medical electrical equipment – Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment	Canadian Standards Association	March 31, 2023	In effect

	(Adopted IEC 80601-2-60:2019, second edition)			
C22.2 No. 60601-2-39	Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (Adopted IEC 60601-2-39:2018, third edition)	Canadian Standards Association	March 31, 2023	In effect
C22.2 No. 80601-2-26	Medical electrical equipment – Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs (Adopted IEC 80601-2-26:2019, first edition)	Canadian Standards Association	March 31, 2023	In effect
C22.2 No. 250.0	Luminaires	Canadian Standards Association	July 11, 2023	Upon publication
CSA C22.2 No. 60601-2-21	Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and	Canadian Standards Association	March 31, 2023	In effect

	essential performance of infant radiant warmers (Adopted IEC 60601-2-21:2020, third edition)			
CSA C22.2 No. 60601-2-22	Medical electrical equipment – Part 2-22: Particular requirements for the basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment (Adopted IEC 60601-2-22:2019, fourth edition)	Canadian Standards Association	March 31, 2023	In effect
CSA C22.2 No. 60601-2-33	Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis (Adopted IEC 60601-2-33:2022, fourth edition)	Canadian Standards Association	March 31, 2023	In effect
CSA C22.2 No. 60601-2-50	Medical electrical equipment – Part 2-50: Particular requirements for the	Canadian Standards Association	March 31, 2023	In effect

	basic safety and essential performance of infant phototherapy equipment (Adopted IEC 60601-2-50:2020, third edition)			
CSA C22.2 No. 80601-2-13	Medical electrical equipment – Part 2-13: Particular requirements for the basic safety and essential performance of anaesthetic workstation (Adopted ISO 80601-2-13:2022, second edition)	Canadian Standards Association	March 31, 2023	In effect
CSA C22.2 No. 80601-2-67	Medical electrical equipment – Part 2-67: Particular requirements for the basic safety and essential performance of oxygen-conserving equipment (Adopted ISO 80601-2-67:2020, second edition)	Canadian Standards Association	March 31, 2023	In effect
CSA C22.2 No. 80601-2-69	Medical electrical equipment – Part 2-69: Particular requirements for the basic safety and essential performance	Canadian Standards Association	March 31, 2023	In effect

	of oxygen concentrator equipment (Adopted ISO 80601-2-69:2020, second edition)			
CSA C22.2 No. 80601-2-70	Medical electrical equipment – Part 2-70: Particular requirements for the basic safety and essential performance of sleep apnoea breathing therapy equipment (Adopted ISO 80601-2-70:2020, second edition)	Canadian Standards Association	March 31, 2023	In effect
Amendment 1:2023 to CAN/CSA-C22.2 No. 62841-3-10:16	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 3-10: Particular requirements for transportable cut-off machines	Canadian Standards Association	May 15, 2023	36 months post-publication date
CAN/CSA-C22.2 No. 62841-4-5	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-5:	Canadian Standards Association	May 15, 2023	36 months post-publication date

	Particular requirements for grass shears			
C22.2 No. 27	Busways	Canadian Standards Association	Third quarter of 2023	18 months post-publication date
C22.2 No. 31	Switchgear Assemblies	Canadian Standards Association	Third quarter of 2023	18 months post-publication date
C22.2 No. 178.3	Transfer Switch Equipment, Over 1000 Volts	Canadian Standards Association	Second quarter of 2023	18 months post-publication date
C22.2 No. 33	Electrical safety requirements for cranes and hoists	Canadian Standards Association	September 1, 2023	Upon publication
C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	Canadian Standards Association	July 1, 2023	Upon publication
C22.2 No. 94.2	Enclosures for Electrical Equipment, Environmental Considerations	Canadian Standards Association	July 1, 2023	Upon publication
Canadian adoption of the IEC 60601-2-19 edition 3.0 2020-09	Medical electrical equipment –Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators	Canadian Standards Association	March 31, 2023	In effect



Canadian adoption of the IEC 60601-2-76 edition 1.0 2018-04	Medical electrical equipment –Part 2-76: Particular requirements for the basic safety and essential performance of low energy ionized gas haemostasis equipment	Canadian Standards Association	March 31, 2023	In effect
Canadian adoption of the ISO 80601-2-87 edition 1.0 2021-04	Medical electrical equipment –Part 2-87: Particular requirements for the basic safety and essential performance of high frequency ventilators	Canadian Standards Association	March 31, 2023	In effect
Canadian adoption of the ISO 80601-2-90 edition 1.0 2021-08	Medical electrical equipment –Part 2-90: Particular requirements for the basic safety and essential performance of respiratory high-flow therapy equipment	Canadian Standards Association	March 31, 2023	In effect
CSA E60335-2-25:23	Household and similar electrical appliances — Safety — Part 2-25: Particular requirements for microwave ovens,	Canadian Standards Association	February 2023	24 months post-publication date

	including combination microwave ovens			
CSA E60335-2-43:23	Household and similar electrical appliances — Safety — Part 2-43: Particular requirements for clothes dryers and towel rails.2 No. 286:22	Canadian Standards Association	February 2023	24 months post-publication date
CSA E60335-2-51:23	Household and similar electrical appliances — Safety — Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations	Canadian Standards Association	February 2023	18 months post-publication date
CAN/UL 2735C:2022	Standard for Safety for Electric Utility Meters for Canada	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	July 15, 2022	In effect
ANSI/CAN/UL 8801:2022	Standard for Photovoltaic (PV) Luminaire Systems	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	July 15, 2022	In effect

ANSI/CAN/UL 5840:2022	Standard for Electrical Systems of Battery Powered Aviation Ground Support Equipment	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	May 25, 2022	In effect
ANSI/CAN/UL 2849:2022A	Electrical Systems for eBikes	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	December 15, 2022	In effect
ANSI/CAN/UL 583:2022	Electric-Battery- Powered Industrial Trucks	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	December 15, 2022	In effect
ANSI/CAN/UL 448:2022	Standard for Centrifugal Stationary Pumps for Fire- Protection Service	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	March 30, 2020	In effect
ANSI/CAN/UL/ULC 2200	Stationary engine generator assemblies	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	September 23, 2022	March 31, 2026

ANSI/CAN/UL/ULC 6200	Control for use in power production	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	May 31, 2019	March 31, 2026
CSA E60335-2-4	Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors	Canadian Standards Association	September 2023	24 months post-publication date
CSA C22.2 No. 298	High Voltage Couplers	Canadian Standards Association	October 31, 2023	18 months post-publication date
C22.2 No 4248-4	Fuse holders – Part 4	Canadian Standards Association	October 1, 2023	Upon publication
CSA C22.2 No 60974-5:23	Arc welding equipment - Part 5: Wire feeders	Canadian Standards Association	October 1, 2023	Upon publication
CSA E60335-2-41	Household and similar electrical appliances - Safety-Part 2-41: Particular requirements for pumps	Canadian Standards Association	October 1, 2023	Upon publication
CSA C22.2 No. 351	Power over Ethernet (PoE) technology systems	Canadian Standards Association	November 2023	Upon publication
CSA E60598-2-2	Luminaires — Part 2-2: Particular	Canadian Standards Association	May 2023	24 months post-publication date

	requirements – Recessed luminaires			
CSA E61347-1	Lamp control gear — Part 1: General and safety requirements	Canadian Standards Association	January 2024	24 months post- publication date
CSA E61347-2-3	Lamp control gear — Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps	Canadian Standards Association	November 2023	24 months post- publication date
CSA C22.2 No. 153	Electrical quick- connect terminals	Canadian Standards Association	December 29, 2023	18 months post- publication date
CSA C22.2 No. 198.2	Sealed Wire Connector Systems	Canadian Standards Association	March 29, 2024	18 months post- publication date
CSA C22.2 NO. 80601-2-74	Respiratory humidifying equipment	Canadian Standards Association	March 1, 2023	Upon publication
CSA C22.2 NO. 96-23	Portable power cables (New Edition)	Canadian Standards Association	October 5, 2023	24 months post- publication date
CSA C22.2 NO. 60601-2-45	Mammographic X-ray equipment and mammographic stereotactic devices	Canadian Standards Association	March 24, 2024	Upon publication
C22.2 NO. 60601-2-2	High frequency surgical equipment and high frequency surgical accessories	Canadian Standards Association	March 1, 2024	Upon publication

C22.2 NO. 60601-2-10	Nerve and muscle stimulators	Canadian Standards Association	March 8, 2024	Upon publication
CSA E60335-2-70:06 (R2021)	Household and similar electrical appliances - Safety - Part 2-70: Particular requirements for milking machines (Amendment 1)	Canadian Standards Association	March 2024	March 2025
CSA E60335-2-70:06 (R2021)	Household and similar electrical appliances - Safety - Part 2-70: Particular requirements for milking machines (Amendment 2)	Canadian Standards Association	March 2024	March 2025
CSA C22.2 No. 60601-2-63:15 (R2020)	Dental extra-oral X-ray equipment - Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment (Amendment 2)	Canadian Standards Association	March 01, 2024	Upon publication
CSA C22.2 No. 60601-2-65:15 (R2020)	Respiratory humidifying equipment Medical electrical equipment – Part 2-65: Particular	Canadian Standards Association	May 1, 2024	Upon publication

	requirements for the basic safety and essential performance of dental intra-oral x-ray equipment (Amendment 2)			
CSA C22.2 NO. 62841-4-7 Edition 1	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators (New Standard)	Canadian Standards Association	February 1, 2024	5 years post-publication date
CAN/CSA-E60730-2-9 AMD2	Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing controls (Amendment 2)	Canadian Standards Association	February 1, 2024	Upon publication
CSA C22.2 NO. 127-24	Equipment, lead wires, and decorative cords (New Edition)	Canadian Standards Association	August 1, 2024	24 months post-publication date
CSA C22.2 NO. 60601-2-43	X-ray equipment for interventional procedures	Canadian Standards Association	March 8, 2024	Upon publication

CSA C22.2 No. 60730-2-11 Ed. 3	Automatic electrical controls - Part 2-11: Particular requirements for energy regulators (New Edition)	Canadian Standards Association	April 1, 2024	Upon publication
CSA C22.2 NO. 62133-2	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems (Amendment)	Canadian Standards Association	July 1, 2024	July 1, 2025
C22.2 NO. 60601-2-6	Microwave therapy equipment - Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment (Amendment)	Canadian Standards Association	June 3, 2024	Upon publication
CSA C22.2 NO. 62841-4-2:19	Standard for Safety Electric Motor-	Canadian Standards Association	February 1, 2024	5 years post-publication date



	Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 4-2: Particular Requirements for Hedge Trimmers (Amendment)			
CSA C22.2 NO. 62841-3-12:19	Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 3-12: Particular Requirements for Transportable Threading Machines (Amendment)	Canadian Standards Association	February 1, 2024	5 years post-publication date
CSA C22.2 NO. 62841-4-7:21	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-7: Particular requirements for pedestrian controlled walk-behind lawn scarifiers and aerators (New Standard)	Canadian Standards Association	February 1, 2024	5 years post-publication date

CSA E60598-2-2	Luminaires - Part 2-2: Particular requirements – Recessed luminaires and recessed air-handling luminaires (New Edition)	Canadian Standards Association	May 2024	Upon publication
CSA C22.2 NO. 96.2:18 (R2022)	Flexible power cables for wind turbine applications rated up to 35 kV (Amendment)	Canadian Standards Association	June 13, 2024	Upon publication
CSA C22.2 No. 150	Microwave ovens (new amendment)	Canadian Standards Association	July 2023	Upon publication
CSA C22.2 No. 169	Electric Clothes Washing Machines and Extractors (new edition)	Canadian Standards Association	January 2024	Two years after publication date
CSA C22.2 No. 60335-2-29	Household and similar electrical appliances — Safety — Part 2-29: Particular requirements for battery chargers	Canadian Standards Association	October 2023	Upon publication
CSA C22.2 No. 60335-2-71	Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating	Canadian Standards Association	November 2023	Upon publication

	appliances for breeding and rearing animals			
CSA C22.2 No. 250.4	Portable luminaires	Canadian Standards Association	December 2023	Upon publication
CSA C22.2 No. 250.7	Extra-low-voltage landscape lighting systems	Canadian Standards Association	April 2024	Upon publication
CSA E60598-1	Luminaires — Part 1: General requirements and tests	Canadian Standards Association	May 2023	24 months post-publication date
CSA E60598-2-1	Luminaires — Part 2-1: Particular requirements – Fixed general-purpose luminaires	Canadian Standards Association	May 2023	24 months post-publication date
CSA E60598-2-3, Luminaires	Part 2-3: Particular requirements – Luminaires for road and street lighting	Canadian Standards Association	May 2023	24 months post-publication date
CSA E60598-2-5, Luminaires	Part 2-5: Particular requirements – Floodlights	Canadian Standards Association	May 2023	24 months post-publication date
CSA C22.2 No. 60079-33	Explosive atmospheres – Part 33: Equipment protection by special protection “s”	Canadian Standards Association	August 31, 2023	36 months post-publication date

CSA C22.2 No. 30:20	Explosion-proof equipment (amendment)	Canadian Standards Association	May 31, 2023	Upon publication
CSA C22.2 No. 214-17 Update No. 3	Communications cables	Canadian Standards Association	September 9, 2023	Upon publication
CAN/CSA-C22.2 No. 62841-4-6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-6: Particular requirements for garden blowers, garden vacuums and garden blower/vacuums	Canadian Standards Association	August 2023	36 months post-publication date
CAN/CSA-C22.2 No. 62841-3-6	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system	Canadian Standards Association	August 2023	36 months post-publication date
CSA C22.2 No. 337	Outdoor, Grade-level Boxes	Canadian Standards Association	August 02, 2023	18 months post-publication date

CSA-C22.2 No. 60335-2-34:23/UL 60335-2-34, 7th Edition	Household and Similar Electrical Appliances – Safety – Part 2-34: Particular Requirements for Motor-Compressors	Canadian Standards Association	Fourth quarter of 2023	6 months post-publication date
C22.2 No. 107.3:14 (R2019)	Uninterruptible power systems	Canadian Standards Association	April 2023	Upon publication
ANSI/CAN/UL 583	Electric-Battery-Powered Industrial Trucks	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	December 15, 2022	Upon publication
ANSI/CAN/UL/ULC 2200	Stationary Engine Generator Assemblies	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	September 23, 2022	March 31, 2026
CAN/UL 2735C	Electric Utility Meters for Canada	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	July 15, 2022	Upon publication
ANSI/CAN/UL 2849	Electrical Systems for eBikes	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	December 15, 2022	Upon publication

ANSI/CAN/UL 5840	Electrical Systems of Battery Powered Aviation Ground Support Equipment	UL Standards and Engagement (for UL Standards) ULC Standards (for ULC Standards)	May 25, 2022	Upon publication
ANSI/CAN/UL/ULC 6200	Controllers for Use in Power Production	UL Standards and Engagement (for UL Standards) ULC Standards (for ULC Standards)	May 31, 2019	March 31, 2026
ANSI/CAN/UL 8801	Photovoltaic (PV) Luminaire Systems	UL Standards and Engagement (for UL Standards) ULC Standards (for ULC Standards)	June 15, 2022	Upon publication
ANSI/CAN/UL 8800:2021	Standard for Horticultural Lighting Equipment and Systems	UL Standards and Engagement (for UL Standards) ULC Standards (for ULC Standards)	March 13, 2023	Upon publication
ANSI/CAN/UL 5800:2021	Standard for Battery Fire Containment Products	UL Standards and Engagement (for UL Standards) ULC Standards (for ULC Standards)	Update published June 16, 2021	Upon publication

ANSI/CAN/UL 2900-2-1:2023	Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	Update published January 31, 2023	Upon publication
ANSI/CAN/UL 1973:2022	Standard for Batteries for Use in Stationary and Motive Auxiliary Power Applications	UL Standards and Engagement (for UL Standards)  ULC Standards (for ULC Standards)	February 25, 2022	Upon publication

Note: SCC updates this page on an ongoing basis when EDSC publishes new effective dates.  
Last updated on: 2024-04-22