Bulletin 2-7-26 Approval of electrical equipment Rules 2-022 and 2-024

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Scope

(1) Approval requirements

- (a) Recognized certification marks
- (b) Recognized field evaluation marks
- (c) Recognized component marks
- (2) Approval of devices on class 2 circuits

(1) Approval requirements

The Ontario Electrical Safety Code and Ontario Regulation 438/07 recognize certification organizations accredited by the Standards Council of Canada to approve electrical equipment (Rule 2-024). Only equipment bearing one of the marks or labels shown in the following tables is approved.

To meet the requirements of the Ontario Electrical Safety Code, equipment must be approved to Canadian standards. This is signified by the "C" outside the Curtis Strauss, Entela, ETL, FM Approvals, LC, MET, Nemko, NSF International, OMNI, QAI, TUV America, TUV Rheinland and UL marks. The "cULus" shown with one Underwriters Laboratories mark, indicates the equipment with those marks is also compliant with United States standards.

Underwriters Laboratories mark without the "c" at the eight o'clock position, indicates the equipment is compliant with United States standards.

CE mark, is manufacturer self-declaration mark and is not recognized in Canada.

Note 1

For the most updated list of recognized certification and field evaluation marks and certification or field evaluation agency info, visit the Electrical Product Safety section of www.esasafe.com.

(a) Recognized certification marks

Canadian Standards Association (CSA)		CERTIFIED®	
Curtis Strauss	c	Entela	c Certified
FM Approvals	C FM APPROVED		
Intertek Testing Services	CUISTED	c Dus	C Harrock Harrow
Labtest Certification (LC)	c LC c		
Met Laboratories (MET)		Nemko	Nemko
NSF International		OMNI Environmental Services Inc	0-T L 9
Quality Auditing Institute	c C R R R R R R R R R R R R R R R R R R	QPS	c Certified
TUV America		TUV Rheinland	C Rangeron US
Underwriters' Laboratories of Canada (ULC)			
Underwriters' Laboratories Inc.			CUUUS

(b) Recognized field evaluation marks

Canadian Standards Association (CSA)	SPECIAL INSPECTION SERVICE SERVICE O'INSPECTION SPECIALE Common Service Common Service Provide	
Electrical Safety Authority (ESA)	Stervicel Stervi Wool, core case were not core case were sterviced approbation Electrique Bectrical Approval Approbation Electrique Francesson Wool, core case were wool, core case were trop case were tro	
Entela	See Note 2	
Intertek Testing Services	Interfere testino services PROL Magneticio SRVC - SRVC SUBJECTO SRVC - TECHNONE CONSTRUCTOR SRVC - SRVC SUBJECTO SRVC - SRVE SUBJECTO SRVC - SRVC SUBJECTO SRVC - SRVE SRVC SRVC SRVC SRVC SRVC SRVC SRVC SRVC	
Nemko	Execution Name Non-Kon Evaluation Name Information Evaluation Name Information Information	
QPS	SPECIAL INSPECTION SERVICE SERVICE DIMARCION SECONE FOR UNCOL CODE SERVICE FOR UNCOL CODE S	
TUV America	See Note 2 Underwriters Laboratories of Canada (ULC) Stelidenwrei Charlen Control of Secular Control of Carrieranio Secular Co	

Note 2

" PANEL ONLY" label identifies that the panel has been evaluated to the SPE-1000. It does not cover equipment that is added or connected to the panel.

(c) Recognized component marks

Canadian Standards Association (CSA)	SP.	
Underwriters Laboratories Inc. (UL)		c FL us

Note 3

Electrical components bearing these marks may have restrictions on their performance or may be incomplete in construction, and are intended to be used as part of a larger approved product or system. The recognized component marks are found on a wide range of products, including some switches, power supplies, printed wiring boards, some kinds of industrial control equipment and thousands of other products.

(2) Approval of devices on class 2 circuits

Electrical equipment does not require approval if it is connected <u>to the load side of an approved class 2 power</u> <u>supply</u> whose power output does not exceed 100 V•A and is operating at less than 42.4 V peak or dc <u>with the</u> <u>exception of:</u>

- (i) luminaires, decorative lighting strings, signs or displays with incandescent or halogen lamps;
- (ii) luminaires, decorative lighting strings, signs or displays incorporating a ballast with operating voltages greater than 42.4 volts peak or 42.4 DC;
- (iii) electromedical equipment;
- (iv) equipment for hazardous locations as defined under OESC Sections 18 and 20 of the Code; or
- (v) equipment that incorporates heating elements.