

Bulletin 2-7-33
Approval of electrical equipment
Rules 2-022 and 2-024

Issued January 2016
 Supersedes Bulletin 2-7-32

Scope

- (1) Approval requirements
 - (a) Recognized certification marks
 - (b) Recognized field evaluation marks
 - (c) Recognized component marks

(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, ESA (Electrical Safety Authority -Field Evaluation ES SAFE), ETL, FM Approvals, IAPMO, IWH, LC, MET, Nemko, OTL, QAI, QPS, UL, UPC and USPC marks. The "C and US" shown outside the CSA, ETL, LC, MET, NSF, QAI, TUV America, TUV Rheinland and UL marks, 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.








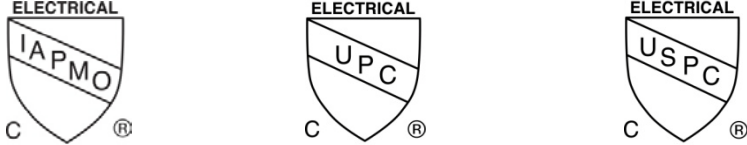








, CE mark, is manufacturer self-declaration mark and is not recognized in Canada.









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
Marking



Certification Body	Marking
Canadian Standards Association (CSA)	  
Curtis Strauss	

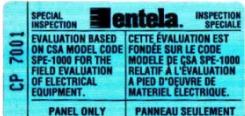



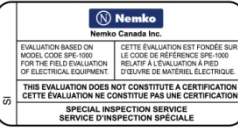





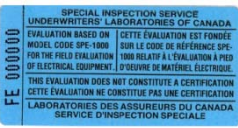


<p>Electrical Safety Authority – Field Evaluation (ESAFE)</p>	
<p>FM Approvals</p>	
<p>IAPMO</p>	
<p>Intertek Testing Services</p>	
<p>Labtest Certification (LC)</p>	
<p>Met Laboratories (MET)</p>	
<p>Nemko</p>	
<p>NSF International</p>	
<p>OMNI Environmental Services Inc</p>	
<p>Quality Auditing Institute</p>	
<p>QPS</p>	

<p>SGS</p>			
<p><u>TUV SUD America</u></p>			
<p>TUV Rheinland</p>			
<p>Underwriters' Laboratories of Canada (ULC)</p>			
<p>Underwriters' Laboratories Inc.</p>			




(b) Recognized field evaluation marks
Marking

Inspection Body

<p>Canadian Standards Association (CSA)</p>			
<p>Electrical Safety Authority (ESA)</p>	 <p style="text-align: center;">See Note 2</p>		
<p>Intertek Testing Services</p>			

	 <p>See Note 2</p>	
<p>Labtest Certification (LC)</p>		
<p>MET Laboratories</p>		
<p>Nemko</p>		
<p>Quality Auditing Institute</p>		
<p>QPS</p>		 <p>See Note 2</p>
<p>TUV America</p>		
<p>TUV Rheinland</p>		
<p>Underwriters Laboratories of Canada (ULC)</p>		 
<p>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.</p>		

Certification Body (c) **Recognized component marks**
Marking

<p>Canadian Standards Association (CSA)</p>	
<p>Underwriters Laboratories Inc. (UL)</p>	 
<p>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.</p>	