



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



SPE-246

1145-57/C2-T14

SL-100-102

SL-100-SPE

OTTAWA, April 12, 1972

SPECIAL APPROVAL

Granted to: Canadian General Electric Company Ltd.,
940 Lansdowne Avenue,
Toronto 4, Ontario.

Attention: Mr. R. D. Maguire,
Manager-Engineering,
Distribution & Specialty Transformers

Subject: Six Only Canadian General Electric Type
"CV-1" Capacitor Voltage Transformers
230,000 Grd Y/138,000 115/69, 115/69 volts
60 Hz Serial Numbers 780694, 788457, 788458,
788459, 788460 and 788461

Special Approval has been granted by the Standards Branch for use in Canada for billing purposes to the above-named apparatus.

These capacitor voltage transformers are each an assembly of two coupling capacitors and a base containing a type PY-10 intermediate voltage transformer, reactor and protective equipment. The bases may also contain carrier equipment.

Assembly must be such that the capacitor units bear the same serial numbers as their respective bases.

The accuracy rating is 0.3WXYZ: 0.6Z-0.6Z on either the full winding or the tap and applies to the secondary winding when the tertiary winding is not loaded, to the tertiary winding when the secondary winding is not loaded and to both windings when the designated burden is divided in any proportion between them, and 0.6Z-0.6Z on either the full winding or the tap applies to the secondary winding when the tertiary winding is loaded with Z burden and vice versa.

This approval is valid only for the following connection:

serial 780694

L4 = H3 to 1A; 2 to 8; 5 to E

T1 = Line to H1; G to A; C to Gnd

Intermediate transformer T1, serial 729462

serial 788457

L4 = H3 to 1A; 2 to 7; 6 to H

T1 = Line to H1; G to D; B to Gnd

Intermediate transformer T1, serial 768739

serial 788458

L4 = H3 to 1A; 2 to 7; 5 to H

T1 = Line to H1; F to B; D to Gnd

Intermediate transformer T1, serial 771906

serial 788459

L4 = H3 to 1A; 2 to 5; 3 to H

T1 = Line to H1; F to D; A to Gnd

Intermediate transformer T1, serial 649129

serial 788460

L4 = H3 to 1A; 2 to 3; 4 to H

T1 = Line to H1; G to A; C to Gnd

Intermediate transformer T1, serial 769839

serial 788461

L4 = H3 to 1A; 2 to 7; 5 to C

T1 = Line to H1; D to E; A to Gnd

Intermediate transformer T1, serial 770417

These transformers are the last 6 of a group of 24 of the same type and rating for use by Manitoba Hydro.

The first 3 of the group received approval under SPE-212, the second 8 received approval under SPE-213, of which the approval of transformer serial 777669 was withdrawn and the third 7 received approval under SPE-234.

W. J. S. Fraser

W.J.S. Fraser,
Chief,
Electricity and Gas Division,
Standards Branch.

c.c. Mr. W. A. Sayers, Winnipeg
Manitoba Hydro (through Mr. Sayers)