



Department of Consumer and Corporate Affairs / Ministère de la consommation et des corporations



SPE-213

SE-85-1-6
SL-100-102
SL-100-SPE

Ottawa, Ontario
K1A 0G9

May 4, 1971.

SPECIAL APPROVAL

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

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

Subject: Eight Only Canadian General Electric Type "CV-1"
Capacitor Voltage Transformer 230,000GrdY/138,000-
115/69-115/69 Volts, 60Hz, serial numbers 777668, -69,
-70, -71, -72, -73, -74 and 780693.

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

This approval is valid only for the following connections:

serial 777668

L4 = H3 to 1A; 2 to 6; 3 to E
T1 = Line to H2; E to D; H to Ground
Serial number of intermediate transformer T1 - 750372

serial 777669

L4 = H3 to 1A; 2 to 4; 3 to H
T1 = Line to H1; F to A; B to Ground
Serial number of intermediate transformer T1 - 729071

serial 777670

L4 = H3 to 1A; 2 to 7; 4 to H
T1 = Line to H1; F to A; B to Ground
Serial number of intermediate transformer T1 - 760306

serial 777671

L4 = H3 to 1A; 2 to 4; 3 to H
T1 = Line to H1; F to B; D to Ground
Serial number of intermediate transformer T1 - 729070

serial 777672

L4 = H3 to 1A; 2 to 7; 5 to H
T1 = Line to H1; F to B; A to Ground
Serial number of intermediate transformer T1 - 728086

serial 777673

L4 = H3 to 1A; 2 to 7; 5 to H
T1 = Line to H1; F to B; D to Ground
Serial number of intermediate transformer T1-729075

serial 777674

L4 = H3 to 1A; 2 to 7; 6 to G
T1 = Line to H1; E to D to Ground
Serial number of intermediate transformer T1 - 728092

serial 780693

L4 = H3 to 1A; 2 to 8; 3 to G
T1 = Line to H2; E to D; B to Ground
Serial number of intermediate transformer T1 - 729072

These are the second eight of a group of twenty-four transformers of the same type and rating for use by Manitoba Hydro.

W.J.S. Fraser

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

c.c. Mr. M. H. Young, D.I. of M&G, Winnipeg
Manitoba Hydro (through Mr. Young)