



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

SPE-258

1145-57/C2-539
GL 1145-57/C2-539(F)
SL - 100 - SPE

OTTAWA, November 8, 1972

SPECIAL APPROVAL

Granted to: Canadian General Electric Company Limited,
940 Lansdowne Avenue,
Toronto 170, Ontario.

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

Subject: One Only Canadian General Electric Type "VCM230"
230,000 Grd Y/138,000-115/69-115/69 Volts 60 Hz
Voltage Transformer Serial Number 818550

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

This transformer is post type with a single primary winding and two tapped secondary windings.

The primary terminal on the top of the bushing is marked "H1" and the secondary terminals are marked "X1", "X2", "X3", "Y1", "Y2" and "Y3".

With rated voltage applied to the primary, 115 volts is available from terminals "X1 - X3" and "Y1 - Y3" and 69 volts is available from terminals "X2 - X3" and "Y2 - Y3". In all cases, the terminal of the pair with the lower suffix has the same polarity as "H1".

The accuracy rating is 0.3WXYZ,ZZ; 0.3Z- 0.3Z 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 0.3Z - 0.3Z 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 transformer is for use by Manitoba Hydro and is of the same type and rating as 9 others that were covered by Special Approval SPE-243.

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

c.c. Mr. J. Bileski, D.I. of E & G,
Winnipeg, Manitoba Hydro
(through Mr. Bileski)