

7-15-1-5
 SL-100-539 (c)
 SL-100-3F1

Ottawa, July 13, 1966.

Canadian General Electric Company Ltd.,
 940 Independence Avenue,
 Toronto 4, Ontario.

Attention: Mr. G. D. Maguire,
 Manager - Engineering,
 P.E.S. Transformers.

Re: SPECIAL APPROVAL - Four Only Canadian General Electric Type
 "V81-230" Voltage Transformers, with a
 non-standard voltage rating:
 27700 Ord. Y/160000-114.2/66.6-114.2/66.6
 volts - Serial Numbers 615222, 615223,
 615224 and 615225

Dear Sirs:

This is to advise that Special Approval has been granted by
 the Standards Branch for use in Canada for billing purposes to four
 only type "V81-230" Voltage Transformers, Serial Numbers 615222, 615223,
 615224 and 615225.

These transformers are for use on a 27700 Ord. Y/160000 volt,
 60 cycle circuit. Each transformer has two identical tapped secondary
 windings with ratios of 1400/2400 to 1/1 producing secondary non-standard
 voltages of 114.2 and 66.6 volts.

X3 and Y3 are the common secondary terminals.

Therefore, low voltages: X1 - X3 = 114.2 volts; Y1 - Y3 = 66.6 volts
 Y1 - Y3 = 114.2 volts; X1 - X3 = 66.6 volts.

The regulating accuracy is 0.3% on either one tap and 0.65/0.64 with
 both secondaries loaded. The accuracy also applies to the non-tapable 10.3%
 0.65/0.64.

These four units are constructed in a similar manner to the
 "V81-230" standard ratio, approved under Circular C.M. 57, dated July 5,
 1963, except that they have now a different number of turns to satisfy the
 voltage and ratio requirement.

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