



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

**T-38**

OTTAWA May 3 1968.

NOTICE OF APPROVAL

FOR

CANADIAN GENERAL ELECTRIC TYPES "CTR-O", "CTRD-O",  
"CTRL-O" AND "CTRLD-O" CURRENT TRANSFORMERS

Apparatus

Primary Currents	1000, 1200, 1500, 2000, 2500, 3000, 4000, 5000 and 6000 amperes #
Secondary Current	5 amperes (each secondary or tap)
Accuracy Rating at 60 hz	0.3B0.1, B0.2, B0.5, B0.9*, B1.0, B(2x0.9);
1000, 1200 & 1500 amperes	0.6B2.0
2000 to 6000 amperes incl.	0.3B0.1, B0.2, B0.5, B0.9*, B1.0, B(2x0.9), B2.0
Voltage insulation class	600 volts
Frequency	60 hz
Wire	2
Type designation	
CTR-O	Single secondary winding
CTRD-O	Multiple secondary windings
CTRL-O	Single tapped secondary winding
CTRLD-O	Multiple tapped secondary windings
R.F. (rating factor)	1.0
Style	Dry, indoor

# Transformers may have 1, 2, 3 or more secondary windings.

\* Accuracy rating marked on the nameplate.



Description

This circular covers the 60 hz ratings receiving approval under circular S-EA.438 together with transformers having tapped single and multiple secondary windings.

A transformer may consist of one or more core and coil assemblies mounted on a base so that in the case of multiple secondaries, all the openings are in line. In all cases, the primary is a single conductor. A transformer may have any number of identical cores and windings, although three is the most common, and each winding may be untapped or may be tapped for any combination of the ratios listed.

The nameplate will be marked with the accuracy rating of 0.380.9 in all cases.

These transformers are designed for indoor service and are of the window-type construction with a rectangular or circular opening to accommodate busses or cables of current carrying capacity equal to that of the transformer rating.

High grade silicon steel is used for the cores and the entire core and coil assembly is painted.

Secondary terminals are solderless connectors and a manually-operated short-circuiting switch and terminal cover with sealing device is provided.

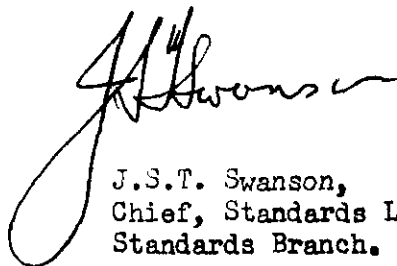
Polarity is indicated by a white dot on the primary entrance side and another white dot adjacent to the "X1" common secondary terminal.

In the case of transformers with multiple secondaries; any unused secondary winding must be short-circuited.

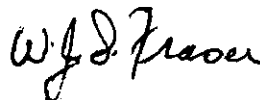
In the case of transformers with tapped secondary windings, the common secondary terminal is "X1"; the other terminals "X2", "X3" etc. will be in order of increasing ratio.

Approval granted to

Canadian General Electric Company Limited,  
Toronto 4,  
Ontario.



J.S.T. Swanson,  
Chief, Standards Laboratory,  
Standards Branch.



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