CANADA

DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

S-EA.593

OTTAWA, August 20, 1963.

Type Approval

Canadian Westinghouse Type "OPC-" Dual Ratio Current Transformers

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "OPC-" Dual Ratio Current Transformers manufactured by the Canadian Westinghouse Company Limited, London, Ontario.

Rating of Apparatus:

Primary Currents	10/20, 20/40, 25/50, 50/100, 75/150, 100/200, 150/300, 200/400, 300/600, 400/800, 600/1200, 800/1600, 1000/2000 and 1200/2400 amperes
Secondary Current	5 amperes
*Rated Insulation Class	25KV, 34.5KV, 46KV and 69KV
#Accuracy Rating	0.3B0.1, B0.2, B0.5, B0.9, B(2x0.9), B1.0, B2.0
Wire	2
Frequency	60 cycles
R.F. (rating factor)	1.33
Style	Beehive, outdoor, oil-filled
F.W. Impulse level	OPC25 150KV, OPC34.5 200KV, OPC46 250KV, OPC69 350KV

*Rated Insulation Class forms part of Type Designation, e.g. OPC34.5

#0.3B0.1, 0.3B0.5, 0.3B2.0, 0.3B0.9, 0.3 (twice B0.9) marked on nameplate

Description: These transformers are made up of a beehive-shaped oil-filled porcelain shell with a metal base and top cover plate. The primary windings are terminated at four copper studs stamped H_1, H_2, H_3, H_4, with a 90° spacing at the top of the porcelain shell just below the top cover.

Flexible leaf copper straps are provided for connecting the primary windings in series or in parallel to obtain the double ratio as indicated on the connection diagram on the nameplate.

The secondary winding is brought to two terminals marked X_1 and X_2 inside a watertight terminal box at the base of the transformer.

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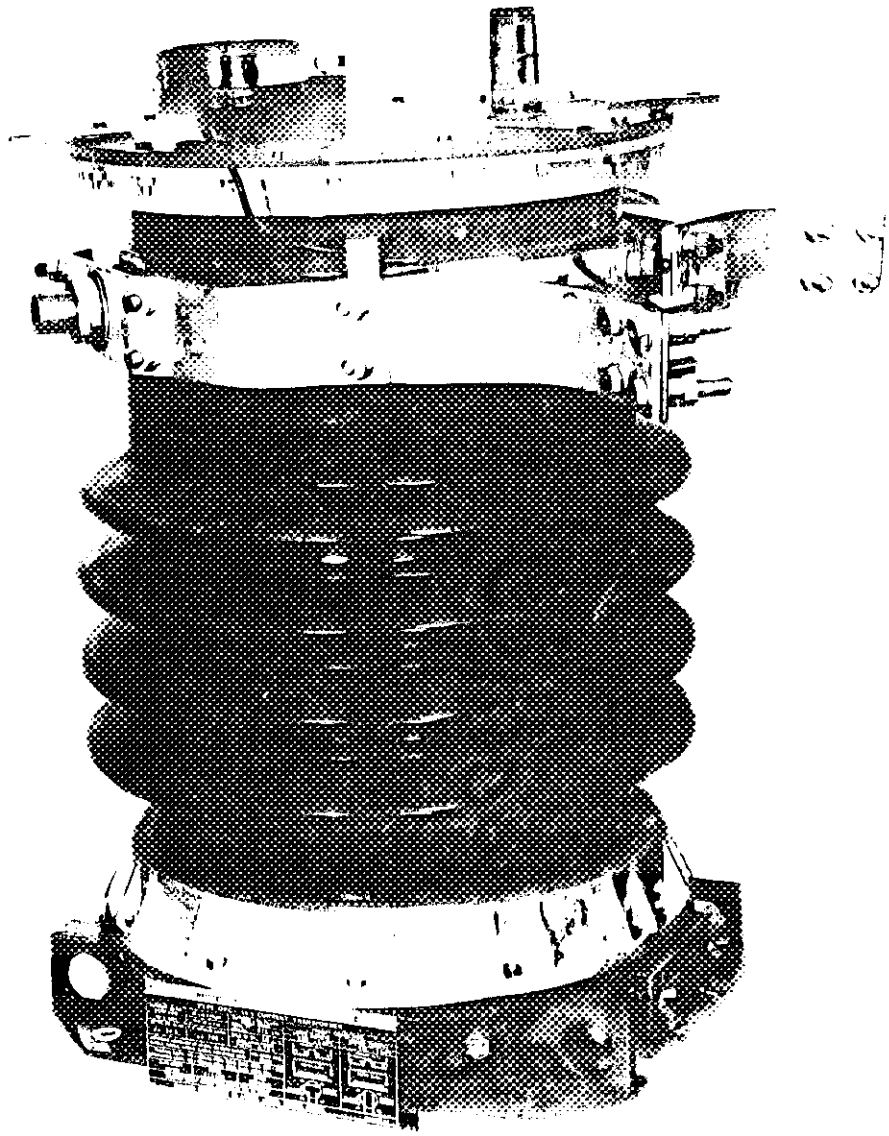

The nameplate is stamped 25-60 cycles, but this approval covers the use of these transformers for metering purposes on 60 cycles only.

E. F. Power

E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

R. W. Maclean

R. W. Maclean,
Director,
Standards Branch.

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