

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, August 5, 1947.

NOTIFICATION OF TYPE APPROVAL

The apparatus specified and illustrated herein has been duly approved under the provisions of the applicable Act, and may be admitted to verification in Canada.

Authority:- The Electricity Inspection Act, Chapter 22, R.S. 1928.

Ruling Body:- The National Research Council.

Apparatus Approved:- Type L.P. Potential Transformer, manufactured by Sangamo Company, Limited, Leaside, Ontario.

Rating of Apparatus:- Voltage Ratios $575/115$ Maximum Sec. Burden 10 V.A.
 $460/115$ Compensated Sec. Burden 5 V.A.
 $230/115$
 $115/115$

Form:- In units of one, two or three transformers in one steel case.

Application:- For use on single or polyphase circuits for stepping down and/or isolating potential supplied to a single meter, or to a metering unit as approved under N.R.C. 101, dated September 14, 1937. In the latter case, this transformer is intended to replace the type G now used.

Limiting Conditions:- For use on a frequency of 60 cycles only, and on circuits of not more than 600 volts.

Description:- The construction is of shell type, made up of two adjacent stacks of core type laminations with the winding on the centre leg thus formed. The centre section of the core is secured by clamp plates, nuts, and bolts. The outer sections are secured in channels provided at each end of the steel case. The complete coil and iron assembly is anchored in the case by forming extended portions of these channels down and over the top of the core. The primary and secondary leads are brought out on opposite sides of the case through insulating bushings. The leads are identified by means of voltage ratings stencilled on the case.

Testing:- Pending the acquisition of transformer testing equipment, test must be made by comparison runs on two rotating standards, connected in the primary and secondary circuits, using auxiliary current loading and at successive power factors of 1.0 and 0.5. If the actual meter with which the transformer is to be used in service is available, an overall test on the combination is to be preferred. Until the new schedule of fees is available, the charge for verification of the above will be \$1.00.

L. V. HUNT
Chief Engineer

A. F. GILL
Director of Standards

