



TRADE AND COMMERCE  
CANADA

STANDARDS DIVISION

OTTAWA, January 16, 1957.

TYPE APPROVAL

EASTERN POWER DEVICES VOLTAGE TRANSFORMER TYPE "P1"

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

Apparatus Approved: Type "P1" Voltage Transformer, manufactured by Eastern Power Devices Limited, 29 Wabash Avenue, Toronto 3, Canada.

Rating of Apparatus:

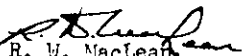
Primary Voltage .....	240, 480, 600 volts
Secondary Voltage .....	120 volts
*Accuracy Rating .....	ASA 0.3WX, 0.6Y, 1.2Z
Frequency .....	60 cycles
Style .....	Indoor


\* marked on nameplate.

Description: The core of the type "P1" transformer is constructed from a high grade of core-plated transformer steel, sheared into rectangular strips, each with the grain direction in the major flux direction, and stacked in an interleaved manner to produce a rectangular cross section "core" type core. On final assembly, the core is rigidly clamped between steel bars held together by bolts adjacent to the edge of the core laminations. The ends of these clamping bars are bent and drilled to serve as mounting feet for the transformer and a support for the primary fuses or terminals. The secondary lead wires terminate on a moulded terminal block fastened to one of the core clamps. The transformers can be supplied with either one or two HRC Fuses for either line to neutral or line to line operation.

The transformer coils are wound on formed micarta tubes. They are taped and impregnated to provide the necessary insulation between sections of different potential.

Polarity is indicated on the primary by a white insulation bushing, the other being brown. On the corresponding secondary there is a white dot as well as the X<sub>1</sub> mark.

  
R. W. MacLean,  
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Assistant Director (E&G),  
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Ref: A-485B



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