DEPARTMENT OF

TRADE AND COMMERCE
CANADA

S-EA.561

STANDARDS BRANCH

OTTAWA August 30, 1962.

TYPE APPROVAL

FERRANTI-PACKARD TYPE "VIA"
STEP-UP RATIO AUXILIARY AUTO-VOLTAGE TRANSFORMER

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 "VIA" Step-Up Ratio Auxiliary Auto-Voltage Transformer, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Voltage	100.625 volts
Secondary Voltage	115 volts
Ratio	7:8
Accuracy Rating	0.3WXYZ*
Frequency	60 cycles
Style	Outdoor
Thermal Rating	300 VA 55°C.

* marked on nameplate.

Description: These transformers are of the auto-transformer type having a single winding in an epoxy-filled metal case with a tap so placed as to give a step-up voltage ratio of 8 to 7, or 115 volts output with 100.625 volts input. The transformer is provided with only three leads of stranded wire, one white and two black. The white lead joins the start of the winding and is common to both primary and secondary and is identified by H1, X1 painted on the case. The tap on the winding is one of the black leads and is identified by H2 denoting the primary. The remaining black lead is connected to the full winding and is identified by X2 denoting the secondary.

This transformer is designed for use as an auxiliary in conjunction with other voltage transformers where it is desired to provide a step-up in voltage. Whenever this transformer is used in cascade with other voltage metering transformers, the existing ratios must be multiplied by the factor 7/8. For example, if used with an 80:1 ratio transformer, the new ratio becomes 80:1 x 7/8 or 70:1.

E. F. Power

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

R. W. MacLean,
Director,
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Ref: A-972

FERRANTI-PACKARD TYPE "VLA" AUXILIARY AUTO-VOLTAGE TRANSFORMER