



CANADA

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

S-EA.506
(amended)

OTTAWA, November 5, 1963.

TYPE APPROVAL

FERRANTI-PACKARD TYPES "VU5", "VC5" and "DC5"
VOLTAGE 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: Types "VU5", "VC5" and "DC5" Voltage Transformers manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Voltage.....	2400/4160Y, 4200, #4800 volts
Secondary Voltage.....	120 120 120 volts
Ratio.....	20:1 35:1 40:1
Accuracy Rating.....	*0.3WXY; 1.2Z
Insulation Class.....	5 Kv
Frequency.....	60 cycles
Style.....	Type "VU5": compound filled, outdoor
	Type "VC5": oil insulated
	Type "DC5": compound filled metering outfits

#Additional rating for Type "VC5" approved under Circular S-EA.441 of March 22, 1960.
*0.3Y; 1.2Z marked on nameplate.

Description: The core and coil design of the type "VU5" is the same as that of the type "VC5" voltage transformers receiving approval under S-EA.441 of March 22, 1960. The major insulation consists of crepe paper tape, and the coil assembly is impregnated with plastic compound under vacuum. The core is lockwound of shell type construction. This assembly is put in a metal case which is subsequently welded and hermetically sealed. Porcelain bushings are provided for the high voltage. Secondary leads are brought out in a conduit. The completed assembly is filled with compound under vacuum and sealed. This transformer is primarily for outdoor use and may be mounted in any position.

When the coil and core assembly of the "VU5" is used in compound filled metering outfits it is designated as type "DC5".

This circular replaces S-EA.506.

E. F. Power

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

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-850C

FERRANTI-PACKARD TYPE "VU5"



