

TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA.....November 23, -1953. ....

TYPE APPROVALENGLISH ELECTRIC TYPES "AC" AND "ACF" VOLTAGE TRANSFORMERS

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Types "AC" and "ACF" Voltage Transformers, manufactured by the English Electric Company of Canada Limited, St. Catharines, Ontario.

## Rating of Apparatus:

Primary Voltages .....	230, 460, 575, 2300, 4600, 6900 volts
Secondary Voltage .....	115 volts
Rated Burden .....	75 VA, 0.85 p.f. up to 4600 volt
	200 VA, 0.85 p.f. for 6900 volt
Frequency .....	60 cycles*
Style .....	Indoor

\* A few 25-cycle transformers may be found in service, but manufacture of these has been discontinued for some time.

Description: The types "AC" and "ACF" are dry indoor type transformers. They are similar in all respects except that the type "ACF" has fuses mounted on the top. They employ a stacked core of hot-rolled silicon steel. These transformers are supplied with two different types of end frames. One type is fabricated from sheet steel, while the other is a casting. Polarity is indicated by metal plates attached to the end frames, adjacent to the appropriate terminals and bearing the markings  $H_1 - H_2$  and  $X_1 - X_2$ .

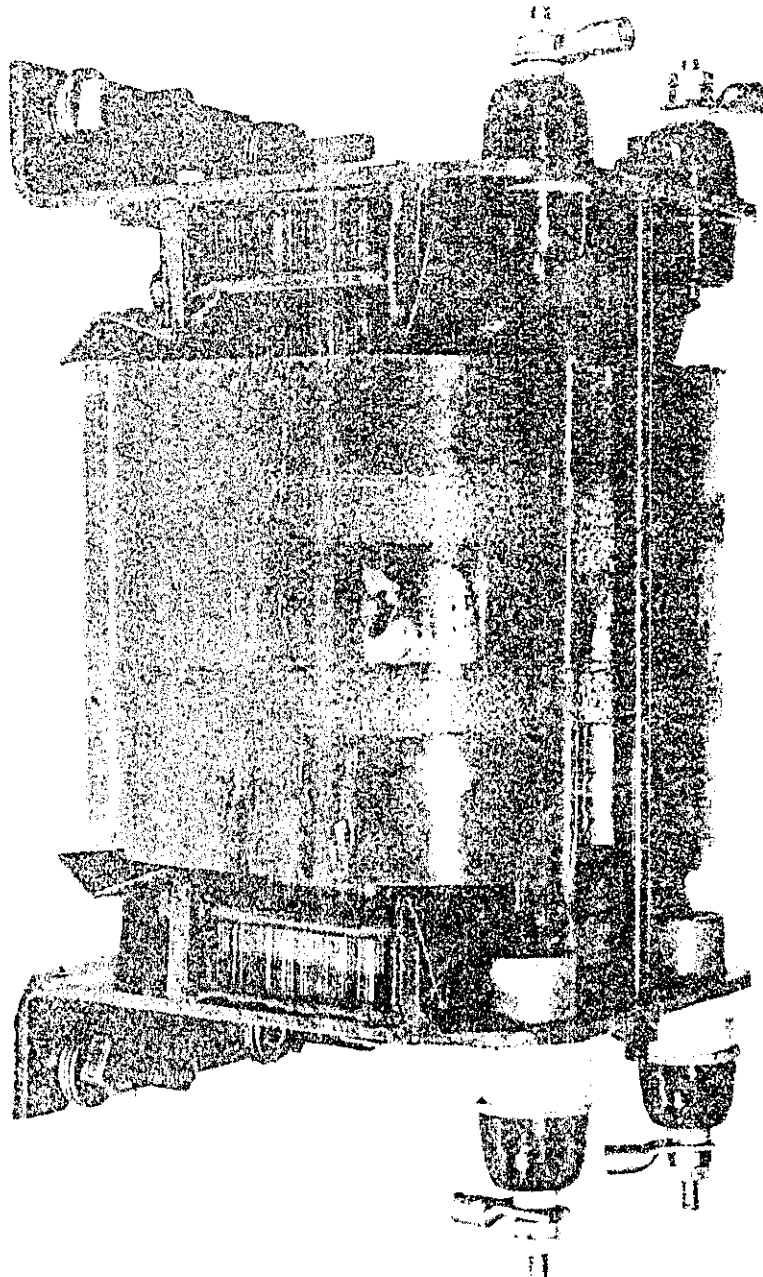
Because of the similarity in appearance of the primary and secondary terminals, particularly in the type "AC", caution should be exercised in making connections or tests on these transformers.

Current production of these transformers will be marked with rated burden of 75 VA, 0.85 p.f. except for the 6900-volt rating, which will be marked 200 VA, 0.85 p.f. These transformers were originally made in two burden ratings, namely 50 VA and 200 VA, except for the 4600- and 6900-volt ratings which were manufactured in the 200 VA rating only. Excepting the 6900-volt rating, transformers marked 50 VA should not be used with burdens greater than 25 VA, 0.70 p.f., and transformers marked 200 VA should not be used with burdens greater than 75 VA, 0.85 p.f.

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Ref: A-325



ENGLISH ELECTRIC TYPE "AC" VOLTAGE TRANSFORMER

SD-EA.130