

TRADE AND COMMERCE
CANADA

SD-EA.154

STANDARDS DIVISION

OTTAWA, July 19, 1954.

TYPE APPROVALHYDRO-ELECTRIC POWER COMMISSION TYPE "H-8.7" VOLTAGE TRANSFORMER

The apparatus specified 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 "H-8.7" Voltage Transformer, manufactured or modified expressly to Specifications of The Hydro-Electric Power Commission of Ontario, 620 University Avenue, Toronto 2, Ontario.

Rating of Apparatus:

Primary Voltage Rating 4800/2400
 Secondary Voltage Rating 120
 Insulation Class 8.7 KV
 Accuracy Rating ASA 0.3Y, 0.6Z
 Frequency 60 cycles


Description: These voltage transformers are 3-kva distribution transformers, modified by either the Hydro-Electric Power Commission or the manufacturer to H.E.P.C. specifications. Before modification:- They shall be in accordance with C.S.A. Standard Specification C2-1944; they shall have exciting current and excitation loss not exceeding 20 amperes and 50 watts respectively when 120 volts at rated frequency is applied to the secondary windings connected in parallel as shown in CSA, C2-1944, figure 3(b); and they shall have insulation and ratings which agree with ratings listed above.

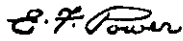
The original nameplate has been removed and replaced by an H.E.P.C. nameplate which shows the type designation, the serial number and the ratings. The serial number is preceded by letters which indicate the original manufacturer. The right-hand secondary terminal is identified as the polarity terminal by a white, painted "X1" on the case, near the terminal, in letters at least $1\frac{1}{2}$ inches high. Similarly, the appropriate high voltage bushing is identified by a white, painted "H1" on the case, near the bushing, in letters at least $1\frac{1}{2}$ inches high.

Limitations: This approval embraces only those 3-kva distribution transformers manufactured by the following Canadian manufacturers:-

Canadian General Electric Company Ltd.
 Canadian Westinghouse Company Ltd.
 Ferranti Electric Limited
 English Electric Co. of Canada Ltd.
 Packard Electric Company Ltd.

Note: Those Inspection Districts situated outside the Province of Ontario need not be concerned with this approval notice.


 R. W. MacLean,
 Director,
 Standards Division.


 E. F. Power,
 Assistant Director (E&G),
 Standards Division.

Ref: A-382A