

TRADE AND COMMERCE

STANDARDS DIVISION

OTTAWA, July 30, 1953.

TYPE APPROVAL

ENGLISH ELECTRIC TYPES "LH", "LV", "LHP" and "LVP" CUPRENT TRANSFORMERS

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

Apparatus Approved: Types "LH", "LV", "LHP" and "LVP" Current Transformers, manufactured by the English Electric Co. of Canada Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Current 1000, 1200, 1500, 2000, 2500, 3000, 4000, 5000 amperes

Secondary Current 5 amperes

Metering Burden 25 VA at 0.5 P.F. for 1000/5, 1200/5, 1500/5

50 VA at 0.5 P.F. for other ratings

Rated Voltage 5 KV, 8.7 KV, 15 KV

Wire 2

Frequency 25 to 60 cycles

Style Dry Indoor

Description: These four types of transformers are all of similar design and use a standard type core of hot rolled silicon steel. They are a dry type for use with a bar primary. In the case of the types "LHP" and "LVP" the bar primary is part of the transformer; in the case of the "LH" and "LV" provision is made for the customer's bus. The letter "H" in the type designation indicates that the primary is arranged for use with a flat bus; the letter "V" indicates that the primary is arranged for use with a bus on edge.

The transformers are supported by cast iron frames consisting of two parts bolted together. Polarity of the primary is indicated by the letters $^{n}H_{1}^{n}$ and $^{n}H_{2}^{n}$ cast in the frame metal. The secondary leads terminate at two studs located on the top of the transformer. The letters $^{n}X_{1}^{n}$ and $^{n}X_{2}^{n}$ stamped in the supporting insulating plate indicate secondary polarity. There is no provision for shorting the secondary.

All these transformers at present in service are marked "Rated VA-50". This approval only covers the use of the 1000/5, 1200/5 and 1500/5 ratios at burdens not greater than 25 VA, 0.5 P.F. The higher ratios are satisfactory at the 50 VA burden rating. On future production, the nameplate markings for burden will correspond with this approval.

The voltage class is denoted in the type designation by a suffix -- 5, 8, 15 representing 5 KV, 8.7 KV or 15 KV respectively.

C.F. Power

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

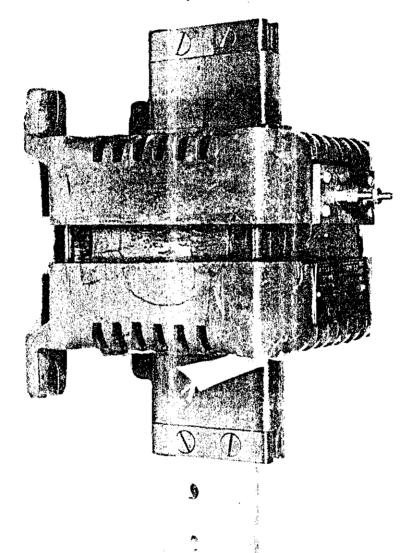
Standards Division.

Ref: A-298B

Director,

W. MacLean

Standards Division.



ENGLISH ELECTRIC TYPE "LVP-5" CURRENT TRANSFORMER