

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, July 28, 1953.

TYPE APPROVALENGLISH ELECTRIC TYPES "PH" AND "PW" CURRENT 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 "PH" and "PW" Current Transformers, manufactured by the English Electric Co. of Canada Limited, St. Catharines, Ontario

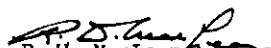
Rating of Apparatus:


Primary Current 150, 200, 250, 300, 400, 500, 600, 800 amperes
 Secondary Current 5 amperes
 Metering Burden 50 VA at 0.5 P.F.
 Rated Voltage 5 KV, 8.7 KV, 15 KV
 Wire 2
 Frequency 25 to 60 cycles
 Style Dry Outdoor.

Description: These transformers are a compound filled outdoor type, employing a wound core of cold rolled silicon steel and toroidal secondaries. The only difference between the two types is that type "PH" has a hanger for cross-arm mounting, and type "PW" has no hanger and is intended for wall mounting. A plate near the primary leads indicates "H₁" and "H₂"; the plate also contains the notation "Xl-white lead". The secondary leads, one black and one white, are cables in a conduit fitting. No provision is made for short-circuiting.

Current and future production of these types will be to a new design which supersedes the design formerly used. There are probably a few of the old design, in low current ratios, still in service. This approval will include them as well.

The voltage class is denoted in the type designation by a suffix -- 5, 8, 15 representing 5 KV, 8.7 KV and 15 KV respectively. Thus, "PH-8" indicates an 8.7 KV class transformer. All transformers of these types are now marked "Rated Burden 50 VA"; however, when a new nameplate is finalized, the "0.5 P.F." will be added after the "50 VA".


 R. W. MacLean,
 Director,
 Standards Division.



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

Ref: A-298C

ENGLISH ELECTRIC TYPE "PH-8" CURRENT TRANSFORMER

