

S-FA-0604
Rev 1



CANADA

S-FA.604
(amended)

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, December 20, 1963.

TYPE APPROVAL

PIONEER TYPES "IFB1A-5", "IFB1A-15", "IFB1B-5" and "IFB1B-15"

CURRENT TRANSFORMERS

The apparatus specified herein have 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.

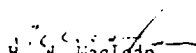
Apparatus Approved: Types "IFB1A-5", "IFB1A-15", "IFB1B-5" and "IFB1B-15" Current Transformers manufactured by Pioneer Electric Limited, 101 Rockman Street, Winnipeg 19, Manitoba.

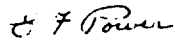
Rating of Apparatus:	
Primary Currents	10, 15, 20, 25, 30, 40, 50, 75, 100, 150, 200, 300, 400, 600, 800 amperes.
Secondary Current	5 amperes.
Voltage Rating	5 Kv and 15 Kv.
Accuracy Rating* -5Kv.	0.3B0.1, B0.2, B0.5, B0.9, B1.0, B(2 x 0.9); 0.6B2.0
-15Kv.	0.3B0.1, B0.2, B0.5, B0.9, B1.0; 0.6B(2 x 0.9), B2.0
Wire	2
Frequency	60 cycles.

* Accuracies apply up to 6.67 amperes of secondary current.

Description: These types are folded core current transformers encapsulated in epoxy. The windings consist of two primary coils connected in series, assembled over two corresponding secondary coils connected in parallel. The primary terminals are flat copper bars projecting from each end of the transformer and having one hole and one slot. The secondary terminals are brass inserts tapped 1/4-20 imbedded in the epoxy and into which are threaded 1/4-20 copper studs. The secondary terminals are located either on the top of the current transformer (Types IFB1A-) or in the shallow pocket in the base (Types IFB1B-). The polarity markings are raised white dots for primary and secondary, except in the case of the type IFB1B-5 where the secondary polarity mark is a 3/16" diam. circular depression cast into the epoxy to a depth of 1/16 inch and filled with white paint to make it stand out clearly. In addition "X1" and "X2" will be moulded adjacent to the secondary terminals of all types.

This circular cancels and amends circular S-FA.604 of November 25, 1963, the only change being the method of marking the secondary polarity of the type IFB1B-5.


R. W. Maclean
Director,
Standards Branch
Ref: A970B


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

