



TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, February 24, 1959.

TYPE APPROVAL

PIONEER ELECTRIC TYPES "ITR", "ITRC" AND "ITBR"  
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 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Types "ITR", "ITRC" and "ITBR" Current Transformers, manufactured by Pioneer Electric Limited, Fort Garry, Winnipeg 9, Manitoba.

Rating of Apparatus:

Primary Currents .....	150, 200, 250, 300, 400, 500, 600, 800, 1200, 1500, 2000, 3000, 4000, 5000 amps.
Secondary Current .....	5 amps.
Burden .....	12.5 VA, 0.9 p.f.
Voltage Ratio .....	0.6, 1.2, 2.5, 5.0, 8.7 or 15 KV
Accuracy Rating .....	150, 200, 250 amps. - 0.6B0.1, B0.2, B0.5 300 amps. and above - 0.3B0.1, B0.2, B0.5

Note: Double ratio transformers having a tapped double length secondary winding are also approved provided that both ratios are included in the list of primary ratios above.

Description: These current transformers are of the through type and contain a sound core. They are moulded in plastic which may be of a cubic or cylindrical shape. The transformers may also be housed in sheet metal cases, part of which may form the base for mounting. There are three types, the designations being in accordance with the manner in which the primary conductor is accommodated:

Type "ITR" has an integral primary bus moulded into the unit.

Type "ITRC" has a circular window for the primary conductor.

Type "ITBR" has a rectangular window for the primary conductor.

Polarity is marked by a white dot adjacent to corresponding primary and secondary terminals.

*E. F. Power*

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

*R. W. MacLean*  
R. W. MacLean,  
Director,  
Standards Division.

Ref: A-6360



PIONEER ELECTRIC TYPE "ITBC" CURRENT TRANSFORMER



