



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA... October 27, 1959.

TYPE APPROVAL

PIONEER ELECTRIC METERING UNIT TYPE "IAPFT"
3-PHASE, SINGLE AND DUAL CURRENT RATIOS

The apparatus specified herein has 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: Type "IAPFT" Metering Unit, manufactured by Pioneer Electric Limited, No. 1 Rockwood Place, Fort Garry, Winnipeg 9, Manitoba.

Rating of Apparatus:

Primary Voltage 2400, 7200, 14400, 24000

Secondary Voltage 120

Primary Current:

Single Ratio 5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80,
100, 120, 200, 250, 300, 400, 500, 600,
800 amperes

Double Ratio 10/5, 20/10, 30/15, 40/20, 50/25, 60/30,
80/40, 100/50, 120/60, 150/75, 160/80,
200/100, 240/120, 300/150, 400/200,
500/250, 600/300, 800/400 amperes

Secondary Current 5 amperes

Voltage Transformer Accuracy 0.3W, 0.3X, 0.3Y*, 0.6Z*


Current Transformer Accuracy 0.3B0.1, 0.3B0.2, 0.3B0.5*, 0.6B1.0*

Phase and Wire 3-phase 3-wire and 3-phase 4-wire

Frequency 60 cycles

* shown on nameplate.

Description: The general design and construction of the single and dual ratio metering units are described in Circulars SD-EA.306, August 19, 1957 and SD-EA.322, November 21, 1957 respectively. This circular supersedes SD-EA.306 as far as the type "IAPFT" metering units are concerned; it supersedes SD-EA.348, March 24, 1958 completely, as it includes all ratings formerly approved as well as new additions to the range.


R. W. MacLean,
Director,
Standards Branch.



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

Ref: A-645F

