



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA June 7, 1962.

TYPE APPROVAL

LANDIS & GYR TYPE "FFP71"
2-ELEMENT POLYPHASE WATTHOUR METER

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chap.94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "FFP71" 2-Element Polyphase Watthour Meter, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 725 Decarie Blvd., Montreal 9, P. Q.

Rating of Apparatus:

Current Range 0.075-7.5 amperes
Voltage 115 volts
Phase 3
Wire 3
Elements 2
Frequency 60 cycles

Description: The type "FFP71" watthour meter is described by the manufacturer as a precision type intended for the measurement of large loads in conjunction with instrument transformers, and will most frequently be encountered as 'transformer rated'. It is however also approved self-contained at the approved current and voltage ratings.

The "FFP71" is a 2-element design having two separate elements and two discs on a common shaft, and is similar to the type "MFP71" 3-element meter receiving approval under S-EA.421, October 23, 1959.

This type is equipped with a disc support which removes the weight of the moving element from the lower bearing during shipment. This device must be sealed by the utility in an inoperative position. This meter is approved for use with a 4- or 5-dial clock or cyclometer register with test dial. Registers having numbered dials which are not in line or where one is offset are not covered by this approval. This approval covers the use of any suitable approved attachment(s), the installation of any of which will appear in the type designation, e.g., FFP71hr4fl, meaning a type 'FFP71' meter having a reverse running stop 'h', transmitting contacts 'r4' mounted in a switchboard flush-mounting case. A diagram of connections appears inside the terminal cover, or on the case of the switchboard type.

E. F. Power

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Chief, Electricity & Gas Division,
Standards Branch,

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R. W. MacLean,
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Ref: A-793A

