



CANADA

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S-EA,635

OTTAWA...September 16, 1964.....

TYPE APPROVAL

LANDIS & GYR TYPE "MF86" 3-ELEMENT POLYPHASE REACTIVE ENERGY METER

The apparatus specified 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 "MF86" 3 Element Polyphase Reactive Energy Meter, manufactured by Landis & Gyr Ltd, North Acton, London W3, England and distributed in Canada by Landis & Gyr, Inc., 725 Decarie Blvd., Montreal 9, P. Q.

Rating of Apparatus:

- Current Range..... 0.12-10 amperes
- Voltage..... 115 volts
- Phase..... 3
- Wire..... 4 wire wye
- Elements..... 3
- Frequency..... 60 cycles
- Power Factor Range..... 1.0 to zero (lagging)

Description: This meter is similar in design to the type FF86 2-element meter receiving approval under circular S-EA.550 of June 7, 1962 except that it has three separate elements and hence requires a longer case. Like the type FF86 it is intended for use with current and voltage transformers, but in a 3-phase 4-wire wye circuit.

The disc stops at unity power factor, runs at maximum speed at zero power factor, half speed at .866 power factor and .866 x maximum speed at 0.5 power factor.

This meter may be presented for verification with a clock or cyclometer register having four or five dials.

This approval covers the use of any suitable, approved Landis & Gyr attachment.

As the usual methods of field testing these meters are not applicable, special instructions will be sent out from headquarters to the District Inspectors concerned.

R. W. MacLean
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Director,
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Ref: A-681G

