



TRADE AND COMMERCE
CANADA

S-EA.425

STANDARDS BRANCH

OTTAWA, November 12, 1959.

TYPE APPROVALLANDIS & GYR TYPE "d" CYCLOMETER-TYPE DOUBLE TARIFF REGISTER

The apparatus specified and illustrated 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 "d" Cyclometer-Type Double Tariff Register, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 1010 Grou, Montreal 9, P. Q.

Rating of Apparatus:

4-digit plus in-line cyclometer-type test dial;
Relay operating voltage - 115.

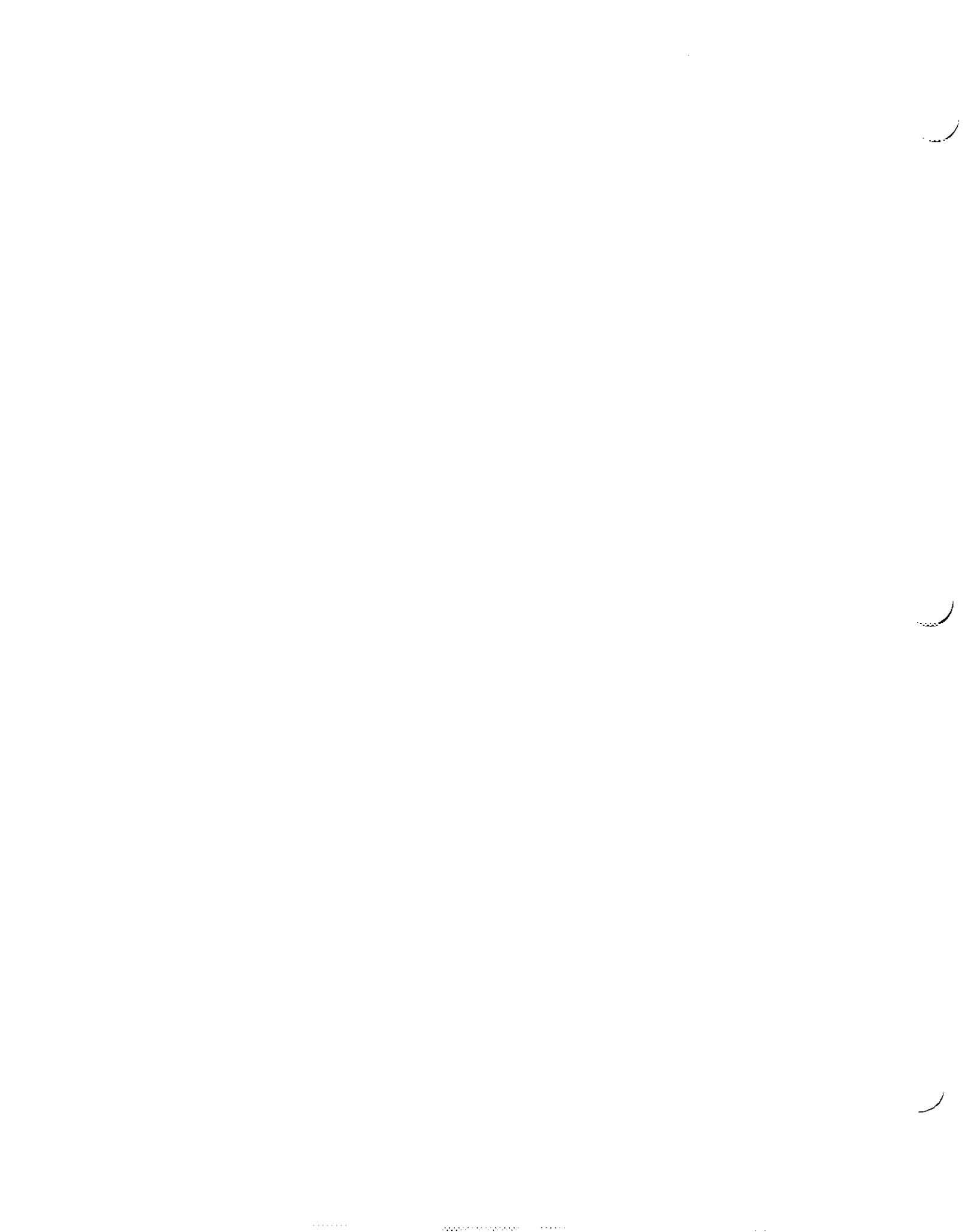
Description: This register is similar in design to the single tariff register that received approval under Circular SD-EA.366 of July 7, 1958. Two identically-appearing cyclometer-type counters are mounted, one above the other, on the same dial plate. The area around the test dial is painted red, with a decimal point printed just ahead of the test dial digits. A relay operated at meter voltage, operates an armature that transfers disc rotation through a differential gear from one set of counters to the other. The counter not in operation is locked by means of a pawl. A small arrow, visible through a window in the dial plate and operated by the relay, points to the register currently in operation. The upper and lower registers are identified by the letters "H" and "L" printed beside their respective registers. When the relay is energized the arrow points to the upper register which is then connected to record the energy consumption, and vice versa when the relay is de-energized. One end of the relay coil is connected to one of the potential links and the other to a separate terminal in the base. A wiring diagram will be found inside the terminal cover. The relay coil is thus operated at the same voltage as that applied to the meter. The separate terminal is connected through a time switch, so that energy consumption can be recorded on either of the two registers at times pre-determined by the time switch.

This double tariff register is approved for use only on an approved Landis & Gyr type of meter, where it will be identified by the letter "d" included in the type designation; e.g. "TF8d", "TF8dmy". It is also approved for use only with an approved "Time Switch" or other approved device. Approval is also restricted to its use when the lower charge per kWh corresponds to registration on the lower register, which also corresponds to open contact condition in the time switch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-783

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



LANDIS & GYR TYPE "FF8my" METER WITH A TYPE "d" DOUBLE TARIFF REGISTER

