DEPARTMENT OF

TRADE AND COMMERCE
CANADA

S-EA.565

STANDARDS BRANCH

OTTAWA October 5, 1962.

TYPE APPROVAL

LANDIS & GYR TYPES "CL11" AND "DL11"
SINGLE-PHASE WATTHOUR METERS

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: Types "CL11" 2-Wire and "DL11" 3-Wire Single-Phase Watthour Meters, manufactured by Landis & Gyr, Zug, Switzerland, and distributed in Canada by Landis & Gyr, Inc., 725 Decarie Blvd., Montreal 9, P.Q.

Rating of Apparatus:	"CL11"	"DL11"
Current Range	0.5-50 amperes	0.8-80 amperes
Voltage	120 volts	240 volts
Wire	2	3
Phase	1	1
Frequency	60 cycles	60 cycles
*Register Ratio Rr	750	250
Disc Constant Kh	1.6	4.8
Register	clock or cyclometer	clock or cyclometer

* Dial-test very carefully when verifying.

Description: The types "CL11" and "DL11" watthour meters are of smaller dimensions than the standard A-base meters, and use a pressed steel base and grid. The glass cover is held in place by a metal bail and two cross-drilled filister-head screws for sealing wires which can be brought to a seal pan at the top of the base. The terminal cover is also of pressed steel, separately sealable by a single filister-head screw. This type of base is known as 'f4' which appears in the type designation as "CL11f4".

Two test links are provided in the 3-wire version and, when verifying, it should be noted that the LH screw of the RH link must be short, and that the recess directly below the screw must be partly filled with insulating material. The use of a long screw in conjunction with an unfilled hole at this point could result in the inside current coil being short-circuited.

Also, when verifying, it is very important to dial-test very carefully, particularly on new meters, as it is possible for two gears in the train to be transposed at the factory. This would result in a gross error in registration.

R. W. MacLean,
Director,
Standards Branch.

(for) E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

Ref: A-954A