

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA July 27, 1961.

TYPE APPROVALCANADIAN GENERAL ELECTRIC TYPES "DG-5" AND "DG-6"
POLYPHASE WATTHOUR METERS WITH STRIP CHART DEMAND RECORDERS

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: Types "DG-5" and "DG-6" Polyphase Watthour Meters with Strip Chart Demand Recorders, manufactured by the Canadian General Electric Company, Quebec 8, P. Q.

Rating of Apparatus:

Nominal Amperes 2.5
 Voltages 115, 230, 460, 575
 Frequency 25 and 60 cycles
 Time Interval 15, 30, 60 minutes.

Description: The types "DG-5" and "DG-6" meters are similar to the types "DG-3" and "DG-4" respectively, previously approved on Circular SD-EA.178, March 1, 1955, except that they are provided with a "drawout" construction. These meters combine in one case a polyphase watthour meter with a 'block-interval' recording demand meter. The type "DG-5" is a two-element meter for 3-wire, 3-phase and 4-wire, 2-phase circuits; and the type "DG-6" is a three-element meter for 4-wire, 3-phase circuits.

The cases are semi-flush mounted and the watthour and demand mechanism may be readily withdrawn from or inserted into the case. The meter unit is simply installed by aligning it with the guides in the case and sliding it into place. A connecting plug is next inserted, thus completing the electrical circuits through the meter and also locking the latch on the cradle.

In the case of transformer-rated meters the register is fitted with a test dial to facilitate dial testing.

E. F. Power

E. F. Power,
 Chief, Electricity & Gas Division,
 Standards Branch.

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

Ref: A-440A

