

DEPARTMENT OF TRADE AND COMMERCE
ELECTRICITY AND GAS INSPECTION SERVICESTO DISTRICT INSPECTORS OF
ELECTRICITY AND GAS

Ottawa, Aug. 8, 1936.

Dear Sirs:

I beg to advise you that the 2-element single disc Type L2A Watthour Meter, manufactured by the Sangamo Electric Company, Springfield, Illinois, U.S.A., and sold in Canada by the Sangamo Company Limited, Toronto, Canada, has been approved by the National Research Council for use in Canada in the following capacities:

Amperes: 5/10/15/25/50.
Voltages: 115/230/460/575.
Frequency: 60 cycles.

The Sangamo L2A Watthour Meter is a 2-element single disc meter used for the measurement of energy on any 3-wire alternating current service. It consists of two complete and separate driving elements acting on a single disc and can be used on any single phase or polyphase load where 2-element meters are required. The two electro-magnetic elements differ in no essential point except that they are arranged for right and left hand position. Each consists of potential and series coils wound on special laminated cores. Each element is arranged with a torque balancing adjustment and light load adjustment. Each element also has a power factor compensating winding which is adjustable.

Full load adjustment is made in the usual manner by moving the position of the permanent magnets with respect to the centre of the disc.

A thermo-responsive alloy shunt secured between the lower tips of the magnets compensates for temperature variations at unity power factor.

Yours truly,


Director.

JLS/MEE