

N.R.C. 35
Electricity

DEPARTMENT OF TRADE AND COMMERCE
ELECTRICITY AND GAS INSPECTION SERVICES

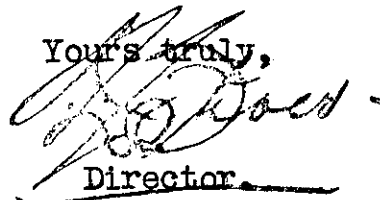
OTTAWA, July 21st, 1933.

District Inspectors of Electricity & Gas:-

Dear Sirs,- I beg to advise you that the Sangamo Company, Limited, Toronto, Ontario, have modified their type ED.3 polyphase demand energy meter so that it may be used on 3 phase, 4 wire circuits without external current transformers.

A sample of this type of meter was forwarded to the Laboratory and the tests made on it show it to be satisfactory, with the result that it has been approved by the National Research Council for use in Canada.

Yours truly,



Director.

JLS/RS.

DEPARTMENT OF TRADE AND COMMERCE

ELECTRICITY AND GAS INSPECTION SERVICES

OTTAWA, July 25th, 1933.

District Inspectors of Electricity & Gas:-

Dear Sirs,- I beg to advise you that the type HM Prepayment Watthour meter, manufactured by the British Sangamo Company, Limited, at Enfield, Middlesex, England, and sold in Canada by the Sangamo Company, Limited, Toronto, Canada, has been approved by the National Research Council and may be admitted to verification in Canada.

The prepayment meter consists of a standard type HM watthour meter element which is similar to the type HC meter, manufactured in Canada by the Sangamo Company Limited, and which has been approved, and a prepayment attachment.

They are housed in one case consisting of a moulded bakelite base, cover, and terminal door. It is designed so that it can be operated by either a 10 or 25 cent piece and which ever coin is used the meter will credit the correct amount of energy according to the price marked on the dial per kilowatt hour.

The prepayment attachment is arranged with three dials so that the amount of money in dollars is registered on these dials as the coins are inserted in the slot at the top of the meter. A "units unused" dial is also provided which shows the customer at all times the amount of credit shown as units unused so that coins may be inserted before the meter cuts off the supply. It is operated by a coiled spring contained in the drum on which is mounted the "units unused" dial and the operation of the prepayment attachment does not affect the accuracy of the meter element, the register of the meter element simply acting as an escapement to release the energy from the spring in prepayment attachment and allow the prepayment attachment to run down.

The meter is equipped with a standard 6 circle register and the prepayment attachment is geared to the test circle of the meter register. It is designed for capacities of 5, 10 and 15 amperes, single phase, two wire construction and have vol tages of 115 and 230 volts, frequencies of 25, 30, 50 and 60 cycles.

Yours truly,


Director.

JLS/RS.