

DEPARTMENT OF TRADE AND COMMERCE

ELECTRICITY AND GAS INSPECTION SERVICES

Ottawa, December 3rd, 1935.

District Inspector of Electricity & Gas:

Re- Approval of Lincoln Type CCVA Round Chart Graphic
Demand Voltammeter

Dear Sirs:-


I beg to advise you that the Lincoln type CCVA round chart graphic demand voltammeter, manufactured by the Sangamo Company Limited of Toronto, Canada, has been approved by the National Research Council for use in Canada in the following forms and capacities:

Form - portable, service and switchboard.
Chart - One revolution in 2, 8, 16 or 32 days.
Amperes - 5 amperes only.
Volts - 115, 230, 460, 575
Frequency - 25 and 60 cycle.

The type CCVA is similar in construction to the type CCW recently approved, but the coils of the transformers are tapped in such a way that the meter will read voltamperes within certain definite power factor ranges in a manner similar to that used in the Sangamo type 4L2 indicating demand energy meter.

A rotary switch is mounted at the right hand lower corner of the meter and is arranged for four positions. Position A, the meter will read in watts; position B, voltamperes at 99 to 86% power factor; position C, voltamperes at 90 to 65% power factor; and position D, voltamperes at 75 to 43% power factor. The tappings of the transformers are arranged so that in each of these positions the meter will never indicate more than one 1% in error and this error will always be negative.

Yours truly,


Director.