

TRADE AND COMMERCE
CANADA

S-EA.455

STANDARDS BRANCH

OTTAWA May 30, 1960.

TYPE APPROVALSANGAMO TYPES "DEA" AND "DES"
THERMAL DEMAND-ENERGY METERS

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 "DEA" and "DES" Single-Phase Combination Thermal Demand-Energy Meters, manufactured by Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:

Current Range (amperes) ...	0.06-6.5, 0.12-13, 0.37-32, 1.5-130, 2-200
Voltage Rating	115 or 120 and 230 or 240
# Disc Constant	1/6 1/3 5/6 3-1/3 5
Demand Scale (watts)	1500 all ratings
Kilowatts75 1.5 3.75 15 22.5
* Multiplier5 1 2-1/2 10 15
Register Ratio	3000 all ratings
Frequency	60 cycles all ratings
Test Period	20 minutes all ratings.

The disc constant, kilowatts and multiplier given above are for meters of 115-120 volt rating. For 230-240 volt meters multiply by 2.

* The multiplier applies to both watthour and demand readings.

Description: This is an extension of Circular S-EA.439 of March 11, 1960, to include the complete line having a response period of 10 minutes and a test period of 20 minutes. It also covers both the 2-wire and 3-wire versions as applicable.

E. F. Power

E. F. Power,
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Ref: A-778D

