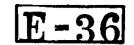


DEPARTMENT OF TRADE AND COMMERCE STANDARDS BRANCH



OTTAWA May 10 1966.

NOTICE OF APPROVAL

FOR

SANGAMO TYPE "ED30" POLYPHASE DEMAND - ENERGY METERS

<u>Apparatus</u>							
2 Element Voltages	115, 120,	, 230, 2 ¹	10, 345,		575 and 60	00 volts	
Current Ranges (amperes) Full Scale KW Multiplier Disc constant (each disc) Maximum Amperes at rated KW and volts	.12-7.5°	.12-5*	·25-15	.25-10°	•5-37•5	1.2-7.5	2.5-150
	1.5 1	1.0 1	3 2	2 2	7•5 5	15 10	30 20
	1/6	1/6	1/3	1/3	ı	1-2/3	3-1/3
	7.5	5	15	10	37.5	75	150
2½ Element Wye Voltages Current Ranges	120 and 345						
(amperes) Full Scale KW Multiplier Disc constant (each disc) Maximum Amperes at rated KW and volts	.12-8.5 3 2	.12 - 6 2 2	•25 - 20 7•5 5	.25-14 5 5	5 -4 0 15 10	1.2-85 30 20	
	1 2	1/2	1	1	2 -1 2	5	
	8.33	5.56	20.83	13.88	41.67	83.3	
2½ Element Delta Voltages Current Ranges	115/230 and 120/240						
(amperes) Full Scale KW Multiplier Disc constant (each disc) Maximum Amperes at rated KW and volts	.12-7.5 3 2	.12 ^{**} 5 2 2	5-37•5 15 10	1.2-75 30 20	1.5-100 40# 40		
	1/3	1/3	2	3-1/3	6-2/3		
	7•5	5.0	37.5	75	100		

* hay be transformer type or self-contained, 1500 watt scale

** Transformer type with 1000 watt scale

according to the voltage ratio.

Only self-contained rating with 1000 watt scale, all others have 1500 watt scale · 2-element meters with potential coils rated at 345 volts are available only in the transformer type of these ratings. For all the 2-element meters, the values given in the table are for those having 115 or 120 volt potential coils. For the higher voltages they are increased

Frequency Response Feriod

50 and 60 Hz - all ratings 10 and 16 minutes - all ratings

Register

Clock type, individual on each element, or differential for

totalizing the readings of each element.

Description

This is a reissue of circular S-EA.590 (amended) of April 7, 1964 to cover the addition of 2-element transformer type 345 volt ratings.

No other changes are involved.

Approval granted to: Sangamo Company Limited,

Leaside,

Toronto 17, Ontario.

Wf. & France W. J. S. Fraser,

Chief, Standards Laboratory,

Standards Branch.

Ref: SL-100-588W

Chief. Electricity & Gas Division,

Standards Branch.