



CANADA

DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

S-EA.567
(amended)

OTTAWA January 3, 1964.

MODIFICATION OF TYPE APPROVAL

SANGAMO TYPE "S-3" HORIZONTAL POLYPHASE WATTHOUR METERS

The modification to the apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and the modified apparatus may be admitted to verification in Canada.

Apparatus Modified: Type "S-3" Horizontal Polyphase Watthour Meters, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Ontario.

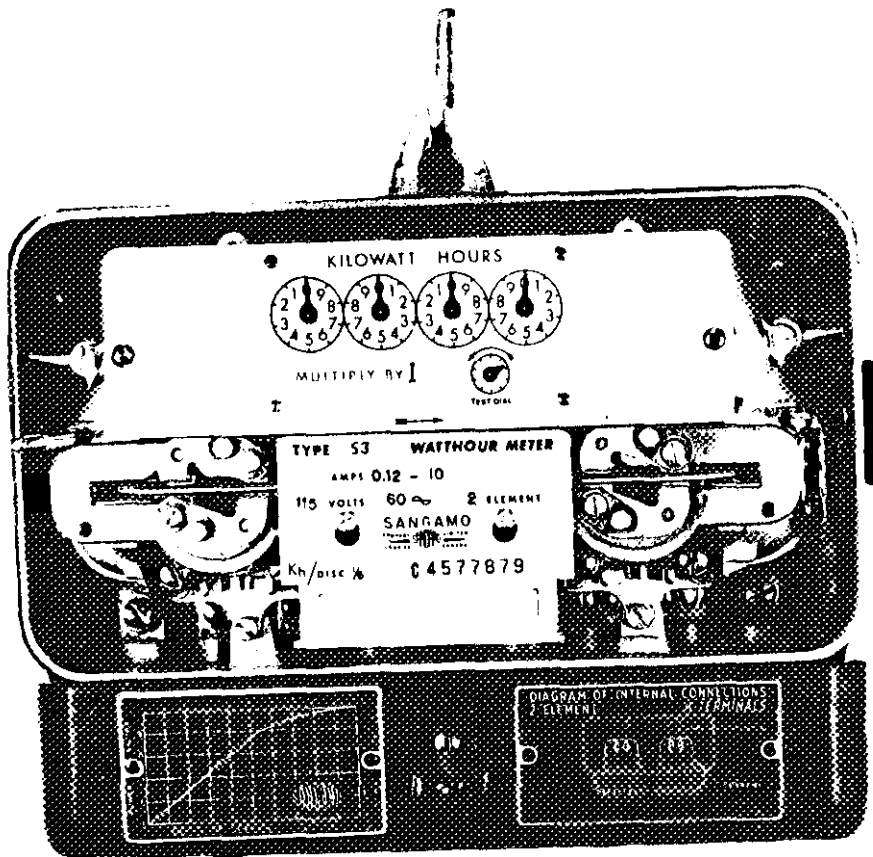
Rating of Apparatus:

Elements	Current Range (amperes)	Volts	Kh	Register Ratio (Rr)		
				4 dial x 1	4 dial x 10	
2	.12-10	115,120	1/6	6000	-	
		230,240	1/3	3000	-	
		460,480	2/3	1500	-	
		575,600	5/6	1200	-	
	.5-30	115,120	2/3	1500	-	
		230,240	1-1/3	750	-	
		460,480	2-2/3	-	3750	
		575,600	3-1/3	-	3000	
	1.2-100	115,120	1-2/3	600	6000	
		230,240	3-1/3	-	3000	
		460,480	6-2/3	-	1500	
		575,600	8-1/3	-	1200	
2 1/2 wye	.12-10	120	1/2	2000	-	
		240	1	1000	-	
	.5-30	120	1	1000	-	
		240	2	500	5000	
	1.2-100	120	5	-	2000	
		240	10	-	1000	
	2 1/2 delta	.12-10	230,240	1/3	3000	-
		.5-30	230,240	1-1/3	750	-
1.2-100		230,240	3-1/3	-	3000	

Frequency..... 50 and 60 cycles

Modification: The modification of the presently-approved type "S-3" horizontal poly-phase watthour meter consists of a re-arrangement of the current and potential flux values to conform with the change from "nominal" current ratings to "current range" ratings. No mechanical changes are involved.

SANGAMO TYPE "S-3" HORIZONTAL POLYPHASE WATTHOUR METER



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It should be noted that the dual voltage, e.g., 120/208, has been dropped from the nameplate of 2 $\frac{1}{2}$ -element meters. This does not mean any change in the meter or the method of verification.

The modified meter may be equipped with the differential polyphase register approved under Circular S-EA.493 of January 23, 1961.

This circular cancels and amends circular S-EA.567 of October 15, 1962; the amendment consists of corrections for Kh and Register Ratios.

E. F. Power

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Ref: A-52F

