



STANDARDS DIVISION

OTTAWA, January 10, 1958.

TYPE APPROVALSANGAMO TYPE "NBP" 3-ELEMENT TRANSFORMER-TYPE
POLYPHASE WATTHOUR METER

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

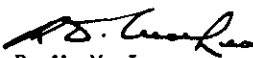
Apparatus Approved: Type "NBP" 3-Element Transformer-Type Polyphase Watthour Meter, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:

Current Range 12-10 amperes
Voltage 115 or 120 volts
Frequency 60 cycles
Elements 3
Wire 4
K_h 1.8

Description: The 2- and 2½-element types "NBS", "NBP" and "NBAP" polyphase watt-hour meters were approved under Circulars SD-EA.133, December 11, 1953, SD-EA.147, April 5, 1954, and SD-EA.240, April 11, 1956. The type "NBP" meter approved herewith has 3 elements similar to the elements in the 2-element meters previously approved. However, due to the different mechanical relationship between elements, a different torque balance adjustment is necessary. In this 3-element meter each element has its own separate torque adjustment. This consists of a soft iron member which acts as a magnetic shunt, the effect of which may be varied by bending it closer to, or farther from, the laminations of the electromagnet. For convenience of bending, two holes are provided for insertion of a round lever.

The electromagnets incorporate the modifications to the type "NB" described in Circular SD-EA.282, January 28, 1957.


R. W. MacLean,
Director,
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Ref: A-723



SANGAMO TYPE "NBP" POLYPHASE WATTHOUR METER

