



CANADA

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

SD-RA.25

OTTAWA, May 23, 1950.
(Superseding Circular Letter SD-EC.82,
dated March 15, 1950)

MODIFICATION OF TYPE APPROVAL

The modification to the apparatus specified herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, and the apparatus may be admitted to verification in Canada.


Apparatus Modified: Certain 60-cycle Watthour Meters when converted for temporary use on 25 cycles, manufactured by the Sangamo Company Limited, Leaside, Canada.

Rating of Apparatus: All approved capacities of Sangamo type "S-3" watthour meter.

Modification: The temporary 25-cycle meter is a standard 60-cycle meter with two leakage cores added to its potential electro-magnet, and sufficient extra lagging to permit inductive load calibration on 25 cycles. To re-convert to 60 cycles, these additional parts will be removed. In combination meters, the thermal demand element is only slightly frequency-sensitive; consequently, nothing more than a check of calibration will be required when transferring from one frequency to another. Since several types of Sangamo meters consist wholly, or in part, of "S-3" watthour elements, and since the modification in question is identical in all cases, this approval applies to the following types of meters in all approved capacities:

- Type "S-3" horizontal polyphase watthour meter
- Type "S-3" horizontal polyphase watthour meter, socket type
- Type "S-3" 2-element vertical polyphase watthour meter
- Type "S-3" 3-element vertical polyphase watthour meter
- Type "S-3" single phase watthour meter
- Type "4L2" polyphase energy demand meter
- Type "ED-30" polyphase energy demand meter.

For identification, the regularly stamped 60-cycle nameplate has a small tab plate affixed over it so as to cover the frequency stamping. The tab plate carries the 25-cycle stamping plus any other information on the main plate which may be obscured by it. On re-conversion to 60 cycles, the tab plate is discarded.


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