



TRADE AND COMMERCE  
CANADA

SD-EA.285

## STANDARDS DIVISION

OTTAWA, February 26, 1957.

MODIFICATION OF TYPE APPROVALCANADIAN WESTINGHOUSE TYPES "DA" AND "DS" WATTHOUR METERS

The modifications to the apparatus specified and illustrated herein have been duly approved by the Standards Division 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: Types "DA" and "DS" Single-Phase Watthour Meters, manufactured by Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus: All approved ratings of Types "DA" and "DS" watthour meters.

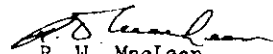
Description: These modifications are as follows:-


Type "DS" Watthour Meter -

1. Voltage disconnect has been lengthened and opposite voltage connection to current circuit has been strengthened.
2. Gasket material is made softer to improve sealing and lower chances of breakage.
3. Sealing cup is slightly deeper.
4. Thrust bearing has been added to first shaft of register.
5. Register mounting posts and screws have been re-designed to ensure constant meshing of drive shaft.
6. Light load adjustment has been increased from 20 to 30%.
7. Lock washers have been removed from rear of base.

Type "DA" Watthour Meter -

Modifications 4 to 6 inclusive above have been incorporated in this model as well. A "J"-shaped sealing clip, in place of the former "L"-shaped one, has been fitted. The shorter end of the "J" passes through a slot in the base and into a corresponding slot in the terminal block, in the sealed position. An additional improvement is a heavier die cast lug through which the sealing wire passes. This arrangement superseded the screw inserted through the seal pan. A photograph indicating this change has been reproduced on the back of this circular.

  
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Ref: A-607



MODIFIED "A" BASE FOR CANADIAN WESTINGHOUSE TYPE "DA" WATTHOUR METER

