



TRADE AND COMMERCE  
CANADA

SD-EA.204

## STANDARDS DIVISION

OTTAWA, August 19, 1955.

MODIFICATION OF TYPE APPROVALCANADIAN WESTINGHOUSE TYPES "CA" AND "CS-1" WATTHOUR METERS

The modification to the apparatus specified herein has 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 "CA" and "CS-1" Single-Phase Watthour Meters, manufactured by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus: All previously-approved ratings and capacities.

Modification: Meters covered by this approval incorporate a spark-gap for the protection of the potential coil. It is not intended to fit all types "CA" and "CS-1" production with this feature.

The spark-gap in the type "CS-1" meter is in the form of a Z-shaped bracket attached to the line terminal blades by the voltage coil terminal screws. The gap is in air making contact with the face of the base plate.

In the type "CA" meter there is an adjustable gap which is set during assembly. The contact is made from the adjustable terminal, mounted on a micarta block, to the side of the base. The micarta block is mounted 7/16" from the upper left corner of the base, the connections to the line terminal blades being of No.10 solid asbestos-covered copper wire.

Standards Division Specifications do not require the use of spark-gaps. This approval should not be construed in any way as backing the use of such spark-gaps or of certifying their protective performance when used.

E. F. Power,  
Assistant Director (E&G),  
Standards Division.

R. W. MacLean,  
Director,  
Standards Division.

Ref: A-474

