



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

OTTAWA, November 5, 1951.

MODIFICATION OF TYPE APPROVAL
WESTINGHOUSE "RW-2" DEMAND REGISTER

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

Apparatus Modified: Type "RW-2" Cumulative Demand Register, manufactured by the Westinghouse Electric Corporation, U.S.A., and sold in Canada by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus: This register may be used with any approved type, frequency or capacity of Westinghouse meters of type OA and later designs.

Modification: The "RW-2" cumulative demand register was originally approved under Circular NRC-121, dated May 9, 1939. The modifications herewith approved consist of:

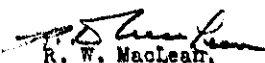
- (a) The small indicating demand dial, formerly marked with five dots to indicate the major blocks of demand, may now be marked with ten major divisions (see photograph), each major division being divided into five minor divisions and the last two major divisions being darkened or blocked off with a heavy black arc for the purpose of indicating that demand is getting into the region where a change of meters or transformers should be considered;
- (b) The four dials which cumulatively record the demand formerly were not marked in any way to indicate the position of the decimal point. On the modified register the dials register kilowatt demand and the decimal point is indicated as follows:


On the universal register the decimal point will be between the second and third dials. This register, which it is understood will be supplied in nearly all cases, will indicate a maximum demand of $333\frac{1}{3}\%$ of 120 volts x 10 amperes, i.e., 4 KW. A multiplier is used when the total nominal capacity of the meter is other than 1200 watts.

On direct reading registers where the full scale capacity is between 0.5 KW and 4 KW, the decimal point will be between the second and third dials. On direct reading registers where the full scale capacity is between 4.8 KW and 20 KW, the decimal point will be between the third and fourth dials.

The decimal point is indicated by two heavy black lines or arrows pointing at the junction of the two dials concerned (see photograph).

NOTE: The small demand dial must not be used for reading demand. Its purpose is to give a rough approximation of the magnitude of the demand. Unless care is taken in properly relating the fifty divisions to the full capacity of meter, there is some possibility of confusion resulting.


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Ref: A-232