

TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, May 17, 1955.

MODIFICATION OF TYPE APPROVALPACKARD ELECTRIC TYPES "B1A" AND "B1S" 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 "B1A" and "B1S" Single-Phase Watthour Meters, manufactured by the Packard Electric Company Limited, St. Catharines, Ontario.

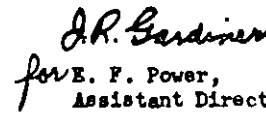
Rating of Apparatus: All previously approved ratings except that in the case of 25-cycle meters the modification to the voltage coil will not be applied.

Modifications: The modifications concern the method of insulating the voltage and current elements of the types "B1A" and "B1S" watthour meters.

Approval is granted for the voltage coil to be embedded in a vinyl compound and moulded to the core. The insulation strength to ground is substantially increased, the design requiring that the insulation will withstand a 7000-volt (r.m.s.) test for 5 seconds. The modification does not apply to 25-cycle voltage coils.

The new current coils are insulated with butyl rubber core insulation pieces. The insulation strength is purposely less than that of the voltage coil and is designed to be of the order of 5000 to 6000 volts.

  
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for E. F. Power,  
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Ref: A-445



PACKARD "B1A" AND "B1S" COIL ASSEMBLY

