

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-EA.514

OTTAWA July 26, 1961.

MODIFICATION OF TYPE APPROVALFERRANTI-PACKARD TYPES "B3A", "B3S" SINGLE-PHASE
WATTHOUR METERS, AND TYPES "B3TA", "B3TS" SINGLE-
PHASE COMBINATION THERMAL DEMAND-ENERGY METERS

The modification to the apparatus specified and illustrated herein has been duly approved by the Standards Branch 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 "B3A", "B3S" Single-Phase Watthour Meters, and "B3TA", "B3TS" Single-Phase Combination Thermal Demand-Energy Meters, manufactured by Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus: All approved ratings.

Modification: The modification consists of an end stop to limit upward movement of the rotor during shipment due to the repulsion effect of the magnetic suspension. Previously this upward thrust pushed the disc against the upper pole faces of the damping magnets. Long distance shipment in this position caused scratching of the disc by the sharp corners of the magnet.

The modification eliminates the necessity of the paper shipping wedge used to stop the scratching.

Pertinent Approval Circulars are: S-EA.473, September 21, 1960
S-EA.475, October 11, 1960
S-EA.478, October 25, 1960.

E. F. Power

E. F. Power,
Chief, Electricity and Gas Division,
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R. W. MacLean
R. W. MacLean,
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Ref: A-881A

MODIFICATION OF TOP BEARING - FERRANTI-PACKARD TYPE "B3-" METERS



