



CANADA

SD-EA.43

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

OTTAWA, November 17, 1950.

NOTIFICATION OF TYPE APPROVAL

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 may be admitted to verification in Canada.

Apparatus Approved: Type "K-3" Reactive Component Compensator, manufactured by the Canadian Westinghouse Company Limited, Hamilton, Ontario.

Rating of Apparatus:

Volts	115
Cycles	60
Phase Shift	90 degrees
Rated Burden	30 volt ampere
Phase	3
Wire	3

Description: The type "K-3" reactive component compensator consists of two tapped coils with shell-type laminated cores mounted on a micarta base $8\frac{3}{4}$ inches by 4 inches. Seven solderless-type terminals are also mounted on the base and these are electrically connected to the taps on the coils. The device is fitted with a metal cover which is held in place by two thumb screws which can be sealed to prevent access being gained to the interior or terminals of the compensator. When the two coils are properly connected in open delta on a 3-phase system, two voltages may be obtained from the taps which are equal in magnitude to the primary voltages but 90 degrees out of phase with them. The derived voltages thus obtained may be applied to the potential circuits of a 3-phase 3-wire watt-hour meter so as to make the meter register varhours.

Sealing: This device is approved for use unsealed.

R. W. MacLean
R. W. MacLean,
Director,
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J. P. Gardiner
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CANADIAN WESTINGHOUSE TYPE "K-3" REACTIVE COMPONENT COMPENSATOR

