

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, January 6, 1959.

MODIFICATION OF TYPE APPROVALFERRANTI-PACKARD TYPE "LM" CURRENT TRANSFORMERS

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: Type "LM" Current Transformers, manufactured by the Ferranti-Packard Electric Limited, St. Catharines, Ontario.

Rating of Apparatus:

Primary Current 5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 125, 150,
200, 250, 300, 400, 500, 600, 800 amperes

Secondary Current 5 amperes

Accuracy Rating 0.6B0.2, 0.6B0.4^{*}

Rated Voltage 600 volts

Wire 2

Frequency 60 cycles

Style Dry Indoor

^{*} shown on nameplate.

Modification: The modification consists in changing the marked nameplate accuracy of the type "LM" current transformers from 0.6B0.2 to 0.6B0.4 on future production of these transformers. There has been no change in the actual design of the transformers themselves. This modification is approved for transformers formerly granted approval under the following circulars:-

SD-EA.127, October 26, 1953
SD-EA.138, January 5, 1954
SD-EA.228, January 23, 1956
SD-EA.267, October 23, 1956
SD-EA.284, February 19, 1957
SD-EA.373, September 17, 1958.

It should be noted that the modification does not apply to the 25-60 cycle type "LM" transformers approved under Circular SD-EA.163, November 2, 1954, nor to the dual ratio or 3-wire designs.

Since the rated burden on these transformers, now being shown as B0.4, is not a generally-recognized standard metering burden, some explanation is necessary. The B0.4 stands for 10VA, 0.9 p.f., which is equivalent to a burden of 0.4 ohms composed of a resistance of 0.36 ohms and an inductance of 0.464 millihenries.

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