



TRADE AND COMMERCE
CANADA

SD-EA.283

STANDARDS DIVISION

OTTAWA, February 7, 1957.

MODIFICATION OF TYPE APPROVAL

FERRANTI TYPE "FTA" SINGLE-PHASE
COMBINATION THERMAL DEMAND WATTHOUR METER

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: Type "FTA" Single-Phase Combination Thermal Demand Meter, manufactured by Ferranti Electric Limited, Toronto, Ontario.

Rating of Apparatus: All capacities and ratings (50 and 60 cycles) previously approved. See Approval Circulars SD-EA.206, August 29, 1955, SD-EA.208, September 9, 1955, SD-EA.274, December 26, 1956.

Modifications:

1. Nickel silver chain replacing continuous fibre-glass cord.
2. Dimensions of bi-metal spiral modified.
3. One-piece stainless steel spindle replacing two-piece stainless steel spindle with nylon coupling.
4. Spirals secured to brass hub by staking instead of soldering.
5. Width of full scale adjustment pulley reduced to facilitate securing of chain by crimping.
6. Inner end of zero correction spring secured to brass collet by staking instead of soldering.
7. Spindle pivots coned from the major diameter instead of from a reduced diameter.
8. Full scale adjustment new friction spring.

Approval is also granted as an interim measure for use of the chain in conjunction with a modified regular pulley and present three-piece spindle.

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Ref: A-618

MODIFIED FERRANTI TYPE "FTA" METER



