



CANADA

S-GA.310

DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

OTTAWA, September 28, 1964.

TYPE APPROVAL

CANADIAN "ELECTRIC" CHART CHANGER UNITS

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Gas Inspection Act, Chapter 129, R. S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Models 23-1E and 23-3E "Electric" Chart Changer Units manufactured by Mullins Mfg. Co. Inc., Dallas, Texas and Sessions Clock Co., Forestville, Conn., for the Canadian Meter Company Limited, Milton, Ontario, and distributed in Canada by the latter.

Rating of Apparatus:

- (a) Chart hub rotation:
 - (i) Model 23-1E 24 hours per rev.
 - (ii) Model 23-3E 7 days per rev.
- (b) Driving motor data:
 - Supply voltage 120 volts A. C.
 - Frequency 60 cycles per second
 - Output shaft rotation $\frac{1}{60}$ r. p. m.

Description: Models 23-1E and 23-3E chart changer units are intended for use in the Canadian Automatic Chart Changer previously approved under Circulars S-GA.267 (issue 2) dated February 5, 1964 and S-GA.267 dated August 2, 1963, and they perform the identical function as the spring wound chart changer units described therein.

Presently approved models use the same type Mullins Dial-O-Graph chart changing mechanism but the drive is provided by an electric motor manufactured by Sessions Clock Company and identified by Part No. S4000. The same motor is used in both models but the gear train between the motor and the chart changing mechanism is altered to cover either 24-hour or 7-day rotation requirements.

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