


 TRADE AND COMMERCE  
 CANADA

SD-GA.142

## STANDARDS DIVISION

OTTAWA, July 3, 1958.

TYPE APPROVAL
SUPERIOR METER COMPANY INC. ALUMINUM CASE  
POSITIVE DISPLACEMENT GAS METERS MODELS "250" AND "340"

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

Apparatus Approved: Models "250" and "340" Aluminum Case Positive Displacement Gas Meters, manufactured by Superior Meter Company Inc., Brooklyn, N.Y., and distributed in Canada by Neptune Meters Limited, Toronto, Ontario.

Rating of Apparatus:	<u>Model "250"</u>	<u>Model "340"</u>
Rated Capacity .....	200 cu. ft./hr. (air)	300 cu. ft./hr. (air)
Differential Pressure at rated capacity ....	0.5" water gauge	0.5" water gauge
Capacity per revolution ....	0.143 cubic foot	0.143 cubic foot
Connections .....	Top	Top

Application: Measurement in distribution service of manufactured, natural, and petroleum gases, or mixtures thereof.

Description: Both models "250" and "340" have the same outside appearance except for the nameplate information. The meters consist of three basic units:—die-cast aluminum casing (partitioned in the middle) which carries a removable index box and mechanism; a valve table assembly positioned below the horizontal seam of the meter casing which includes all operating mechanism and diaphragms as one removable preassembled unit; and top cover which has a rectangular access port which permits easy adjustment of the meter. Diaphragms may be either of sheepskin or cloth base synthetics. Increased rated capacity in model "340" is achieved by larger valve ports. Valves may be either moulded tin and antimony, or bakelite material. Double adjustable tangent permits correct valve timing and diaphragm stroke adjustments.

NOTE: The meters approved herein will at a later date be both manufactured and distributed in Canada by Neptune Meters Limited, Toronto, Ontario. In this connection no further approval notice will be necessary, as the Neptune nameplate will then be used. The Superior name and trident will remain on the case itself.

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