



CANADA
DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

OTTAWA, March 7, 1951.

(Apparatus approved
September 27, 1948)

NOTIFICATION OF TYPE APPROVAL

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of the Gas Inspection Act, Chap.82, R.S. 1927, and may be admitted to verification in Canada.

Apparatus Approved: Type "5A" Gas Meter, manufactured by The Sprague Meter Company, Bridgeport, Conn., U.S.A.

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

Rating of Apparatus:

Cubic feet per hour (manufactured gas) 940
Capacity in cubic feet per revolution 1.177

Description: This meter is a positive displacement type with oscillating hard surface type valve mechanism. The case of cast alumina is approximately 26-9/16" high, 15-1/2" from front to back, and 48" wide. The tangent and diaphragm adjustments are reached through a hole in the centre of the right side of the body casting. The hole is plugged with a screw plug drilled for the sealing wire, as may be seen in the illustration. A special "finder" and wrench are supplied by the manufacturer for making the adjustments.

The meter has two test dials, one reading 20 cubic feet per revolution and the other 5 cubic feet per revolution. There is so much variation between successive revolutions of the 5 cubic foot test dial hand that it cannot be relied upon by itself; it is accurate when used in conjunction with the 20 cubic foot hand, that is, the test volume should be 20 cubic feet, and this may be read more accurately from four revolutions of the 5 cubic foot dial than from one revolution of the 20 cubic foot dial.

E. F. Power

E. F. Power,
Assistant Director, (E&G),
Standards Division.

R. W. MacLean
R. W. MacLean,
Director,
Standards Division.