

TRADE AND COMMERCE  
CANADA

SD-GA.59

## STANDARDS DIVISION

OTTAWA, December 20, 1954.

TYPE APPROVALROCKWELL TYPE #415 POSITIVE DISPLACEMENT GAS METER

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: Type #415 Positive Displacement Gas Meter, manufactured by the Rockwell Manufacturing Company, Pittsburgh, Pa., and distributed in Canada by Peacock Brothers Limited, Montreal, P. Q.

## Rating of Apparatus:

Badged Capacity .....	320 cu.ft. per hr. (air)
Differential Pressure at badged capacity .....	0.5" water gauge
Capacity per revolution .....	.154 cu.ft.
Connections .....	various
Maximum Working Pressure .....	10 p.s.i.*

\* To be marked on nameplate.

Description: The manufacturer considers the #415 meter to be a successor to the cast-iron Type #2 approved under Circular 48 of November 4, 1927. This new meter is, however, only about one-third the weight and smaller than the Type #2. The body of the meter is of "bowl" type construction and is made of pressure cast aluminum with steel ferrules. Unlike the #2 meter, which is similar in construction to the Type #1 Aluminumcase Meter described in Circular SD-GA.58, the #415 meter has only one sealing surface - between the cover and body - and a completely enclosed valve plate.

Valve plate assemblies are removable and are made from pressure cast aluminum alloy. Valves are of bakelite.

The meters have duplex adjustable tangents positioned on the crank by means of a "D" slot and secured with a screw. Tangent adjustment may be made by removing the hand hole plate without disturbing the meter cover.

The indexes are of the four-circle clock type with two-foot test dials. The index box itself is recessed to reduce breakage and the cover may be removed without taking out the index - only the index frame need be removed.

This meter will deliver 415 cu.ft. of 0.6 gravity gas at 0.5" water differential and this figure is recognized in the type designation.

A large mesh wire screen is permanently fitted to the base of the inlet tube to prevent tampering with the adjustments through the opening.

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Ref: A-379