



TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA.....September 14, 1954.

TYPE APPROVAL

ALDER & MACKAY TYPE "D-1/200"
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 "D-1/200" Tinned Steelcase Positive Displacement Gas Meter, manufactured by Alder & Mackay, Limited, Edinburgh, Scotland.

Rating of Apparatus:

- Badged Capacity 240 cu.ft./hr.(air)
- Differential Pressure
at badged capacity 0.5" water gauge
- Capacity per revolution 0.1 cubic foot
- Connections 1"

Description: The type "D-1/200" is a small high-speed meter of the usual tin-case meter design. It is equipped with large diameter stuffing boxes and large straight slide valves with eccentric bushings for adjustment. The gear box is totally enclosed and bolted to the valve plate. Top arm links and valve arms are fitted with stainless steel eyelet bushings and pins. Stainless steel bushings are also used in the gear box bearings. Diaphragms are of semi-chrome East Indian leather. The rated capacity of this meter is based only on the amount of air which the meter will pass at an inlet pressure of 2" of water and with a differential of $\frac{1}{2}$ " of water, and is not related to the speed of the meter in r.p.m.


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Ref: A-392

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