

TRADE AND COMMERCE
CANADA

SD-GA.64

STANDARDS DIVISION

OTTAWA, February 9, 1955.

TYPE APPROVALSMITH TYPE "U.D.MK.1" 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, Chap.129, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "U.D.MK.1" Positive Displacement Gas Meter, manufactured by Messrs. Smith Meters Ltd. of London, England, and imported by Durham Industries (Canada) Ltd., Montreal, P. Q.

Rating of Apparatus:

Badged Capacity 200 cu.ft./hr.(air)
 Differential Pressure at badged capacity 0.3" water gauge
 Capacity per revolution 0.1 cubic foot

Limiting Conditions: This approval covers only the ordinary style of meter and does not include the prepayment meter.

Description: The case is a die casting of aluminum-silicon alloy in four sections, top, bottom, body and register frame. The top is removable for access to the valve mechanism. Certain of the screws holding the various sections together are drilled for sealing wire so as to provide effective sealing of the meter. The meter unions are cast integral with the top and are threaded for 1" meter unions, the dimensions being in accordance with B.S.S.#746/1937. The valves of the radial type, semi-rotary in action and operating on a common pivot, are made of tin-and-antimony alloy, and are provided with only one adjustment. The diaphragm is made from East Indian sheepskin, semi-chrome tanned.

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