

TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

S-GA.196

OTTAWA, November 3, 1960.

TYPE APPROVAL

ROOTS-CONNERSVILLE TYPES "3M125" AND "7M125"
 ROTARY POSITIVE DISPLACEMENT GAS METERS
 WITH INSTRUMENT DRIVE GEARBOX

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

Apparatus Approved: Types "3M125" and "7M125" Rotary Positive Displacement Gas Meters with Instrument Drive Gearbox, manufactured by Roots-Connerville Blower Division of Dresser Industries Limited, Connerville, Indiana, U.S.A., and distributed in Canada by Roots-Connerville Blower (Canada) Limited, 629 Adelaide St. West, Toronto, Ontario.

Rating of Apparatus:	<u>"3M125"</u>	<u>"7M125"</u>
Badged Capacity (cu.ft. per hour - air)	3,000	7,000
Capacity per revolution (cu.ft.)	0.02205	0.06120
Working Pressure (p.s.i.)	125	125
Connections	Flanged	Flanged

Description: Except for the Instrument Drive Gearbox both meters are of identical design to those approved in Circular S-GA.178, January 27, 1960.

The gear ratio of the instrument drive is so chosen that one revolution of the counter spindle corresponds to 10 cubic feet passed through the meter. These meters are intended for use with either pressure, or pressure and temperature-compensated flow integrating instruments.

Note: The type "3M125" meter may be tested in a meter shop, if requested, using the bell-type prover, in which case the regular fee provided in Part I of the "Schedule of Inspection Fees for the Testing of Gas and Gas Meters" shall apply. When tested 'in situ', the fee provided for Rotary Type Positive Displacement Meters shall apply.

E. F. Power

E. F. Power,
 Chief, Electricity & Gas Division,
 Standards Branch.

R. W. MacLean
 R. W. MacLean,
 Director,
 Standards Branch.

Ref: A-856A

ROOTS-CONOVERVILLE ROTARY POSITIVE DISPLACEMENT GAS METER
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