

TRADE AND COMMERCE
CANADA

SD-GA.161

STANDARDS DIVISION

OTTAWA, July 2, 1959.

TYPE APPROVALHAGAN RING BALANCE FLOWMETER, MODEL "3000" SERIES

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: Recording Ring Balance Flowmeters, Models 3001, 3002, 3003 and 3004, manufactured by Hagan Chemicals and Controls, Inc., Pittsburgh, Penna., and distributed in Canada by Hagan Corporation (Canada) Limited, Montreal, Quebec.

Rating of Apparatus: The following rings, with indicated pressure ratings, are approved for use with the Hagan flowmeters:

Ring Number	Full Scale Differential Pressure w.g.			Maximum Static Pressure P.S.I.
	Minimum	Maximum		
R20	2.0	5.5, 6.5, 13.0*		50
R21	4.0	7.0, 7.9, 15.4*		75
R22	0.5	3.0 3.5 6.5*		10
R80	40	140		2,500
R19	40	140		6,000
R82	10	35		250
R83	15	45		2,500
R88	80	280		2,500
R27	160	560		6,000

* Different maximum pressure ranges are obtained by using sealing fluid of different specific gravity, referred to by the maker as RB80, RB90 and RB176 for specific gravity 0.8, 0.9 and 1.76 respectively. Other rings use RB1360 which is mercury.

Rings R88 and R27 are multiple ring assemblies.

Application: Measurement in distribution service of manufactured, natural and petroleum gases, or mixtures thereof, when used with approved devices for measurement of temperature and static pressure.

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