

TRADE AND COMMERCE
CANADA

SD-GA.84

STANDARDS DIVISION

OTTAWA, October 14, 1955.

TYPE APPROVALBRISTOL INTEGRATOR

The apparatus specified 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: Six-figure Integrator associated with Bristol flowmeters, manufactured by The Bristol Company, Waterbury, Conn., U.S.A. and distributed in Canada by the Bristol Company of Canada Limited, Toronto, Ontario.

Description: Where information on total quantity of flow is required in addition to the record of rate of flow, an integrator can be supplied. It indicates the total flow on a six-figure counter. The integrator mechanism mechanically computes the square root of the differential pressure across the orifice or other primary device and adds on the counter an amount proportional to the total flow during that period of time. The large number of speed change gears for the integrator makes possible an integrator constant of 10, 100 or 1000.

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