

TRADE AND COMMERCE
CANADA

SD-GA.55

STANDARDS DIVISION

OTTAWA, November 2, 1954.

TYPE APPROVALBAILEY TYPE "CA" FLOW MECHANISM

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 "CA" Flow Mechanism, manufactured by the Bailey Meter Company, Limited, Montreal, P. Q.

Application: Measurement of fluids in conjunction with standard orifice plates and approved pressure gauges.

Rating of Apparatus:

Differential Range 0 - 8" water gauge
Working Pressure up to 300 p.s.i.

Description: The type "CA" flow mechanism is similar in design and operation to the type "CH" (see Circular SD-GA.47 of December 8, 1953), except that the bell is of larger diameter and is sealed in oil instead of mercury. The general remarks in Circulars SD-GA.27, SD-GA.34 and SD-GA.42 regarding the manufacturer's arrangement of type designations are pertinent to this mechanism as well. For any chart reading the corresponding differential

$$= \left(\frac{\text{Chart Reading}}{\text{Maximum Chart Reading}} \right)^2 \times \text{Maximum Meter Differential}$$

= "h" inches (water).

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