


 TRADE AND COMMERCE
 CANADA

SD-GA.22

STANDARDS DIVISION

OTTAWA, November 4, 1952.

TYPE APPROVALFOXBORO TYPES "3", "7", "8" and "17" FLOW METERS

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of the Gas Inspection Act, Chapter 82, R.S.1927, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Types "3", "7", "8" and "17" Flow Meters, manufactured by The Foxboro Company, Foxboro, Mass., and Ville LaSalle, P.Q., and distributed in Canada by Peacock Brothers Limited, Montreal, P.Q.

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

Rating of Apparatus:	Type 3	Type 7	Type 8	Type 17
Differential Ranges .. (inches of water)	10,20,50,80, 100,150,200, 320,400,5-0-5, 10-0-10,25-0-25, 50-0-50	Same as Type 3	50,100,150, 200,320, 25-0-25,50-0-50	Same as Type 3
Working Pressure	500 p.s.i.	1500 p.s.i.	1500 p.s.i.	1800 p.s.i.
Float Travel	0.957"	0.957"	1.845"	0.957" (except in 10" range)*
Mercury	8 pounds	8 pounds	13 pounds	8 pounds
Superseding	Types "100" & "200"	Type "3"	Type "4"	Type "7"
Superseded by	Type "7"	Type "17"	Type "28"	Type "27"

(*Meter must be calibrated especially for 10" range)

Description: As far as this approval is concerned, any of the above meter type designations refer to the differential element, the differential recording element, and the associated chart driving mechanism. No static pressure element is included in the designation or is covered by the approval. However, these types may be associated with any approved pressure element mounted either separately or on the same case. All these types are of very similar design. Interchangeable range tubes are available in all cases. The motion of the float due to changes in differential are transmitted by a straight line mechanism to the pen. They are equipped with automatic check floats to protect against loss of mercury, and damping plugs. They have all been superseded by newer designs, the 3, 7, and 17 by the type 27, and the 8 by type 28.

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