



TRADE AND COMMERCE
CANADA

STANDARDS BRANCH

OTTAWA, October 18, 1962.

TYPE APPROVAL

TAYLOR FLOW RECORDER
WITH BARTON MODEL 199 DIFFERENTIAL UNIT

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

Apparatus Approved: Taylor Flow Recorder Type 76J with Barton Model 199 Differential Pressure Element, manufactured and distributed in Canada by Taylor Instrument Companies of Canada Limited, Toronto, Ontario.

Application: Measurement of gas in conjunction with standard orifice plates.

Rating of Apparatus:

- *Differential Ranges 0-15, 0-20, 0-25, 0-50, 0-100, 0-150 and 0-200 inches water gauge
- Working Pressure Brass 300 p.s.i.
(depends on chamber material) Forged Stainless 2500 p.s.i.
Forged Steel 1000 and 2500 p.s.i.
Forged Alloy 4500 p.s.i.

* The standard ranges are listed; however, intermediate ranges between the limits of 0-15 and 0-200 inches water gauge are approved.

Description: The flow recorder is an assembly combination of the Barton bellows differential pressure unit model 199, previously approved under SD-GA.62 of December 29, 1954 and S-GA.227 of May 24, 1962, and the Taylor die-cast aluminum recorder case referred to as type 76J and considered a universal case for several applications. The flow recorder utilizes Taylor pen linkage system with suitable provision for calibration adjustments. Chart drives may be either of synchronous electrical or spring-wound mechanical types providing chart speed of 24 hours per revolution.

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